CHEMISTAND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MARCH 22 1958

Which single Barrier Cream

lets her do dry grimy jobs like this



...yet keeps her hands looking like this



...and
wet messy
jobs
like this



...and sends her back for repeat sales like this?



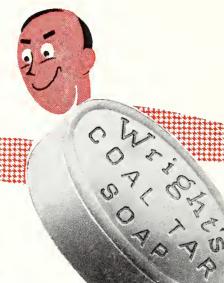
Yes, of course-



Savlon 2-purpose barrier cream

Increased Press Advertising support this year!





STRIDING AHEAD...

and there's good reason

Each year more discriminating people choose Wright's. For three generations Wright's qualities of hygiene and purity have been constantly relied upon by doctors and hospital staffs—and in these matters the public take their lead.

The Wright soop for

It is these facts plus persistent national and local advertising that ensure an ever increasing number of your customers asking for Wright's Coal Tar Soap.

建筑是200次为364504

Take stock ... and profit

by WRIGHT'S

increasing sales . . .

The Golden Tablet in Bath and Toilet sizes.

WRIGHT LAYMAN & UMNEY LTD., SOUTHWARK, S.E.1.



1

How many of your pregnant patients are constipated?

Constipation . . . " . . . is probably the commonest disorder to which pregnant women are prone"†

Most authorities agree that this condition results from endocrine changes affecting smooth muscle tone. The physical mass of the tumour pressing on the colon is another contributory factor.

For correcting stasis of the bowel both ante-natally and in the puerperium, a suitable laxative is one without action on the gravid uterus, without effect on kidney function and not systemically absorbed. It should also be mild and predictable in action.

From these points of view, Dulcolax is indicated as a particularly suitable remedy for constipation associated with pregnancy.

It is non-toxic, has no effect on kidney function or uterine muscle, is not absorbed into the blood stream and does not cross the placental barrier.

Dulcolax has no irritant effect, even after prolonged use, has no side-effects and results in an effortless evacuation. Dulcolax is reliable and thorough in action and is available in tablet and suppository form.

†The British Encyclopaedia of Medical Practice, 2nd Edition, Volume 10, page 221.



4, 4'-diacetoxy-diphenyl-pyridyl-2-methane

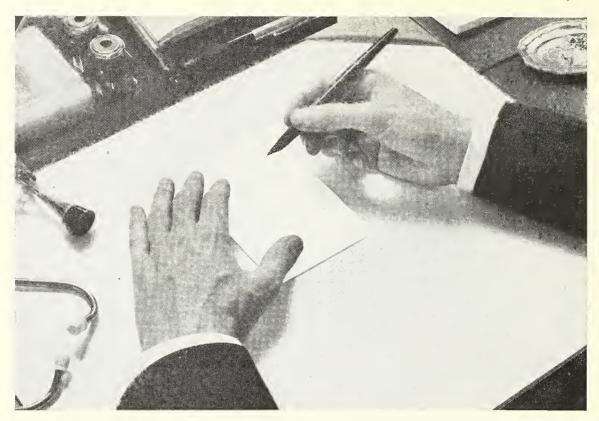


Manufactured and distributed in the U.K. by Pfizer Ltd., Folkestone, Kent, for

C. H. BOEHRINGER SOHN, INGELHEIM-AM-RHEIN

Registered proprietors of the Trade Mark

*Regd. Trade Mark



He simply writes 'Codis' now

Doctors have long been aware of the value of compound analysic preparations for the relief of susceptible pains and discomforts.

Now, it is generally agreed, a further advance has taken place in the analysis field. Codis provides all the virtues of Tab. Codein. Co. B.P.—and more.

In Codis, agents have been added to solubilise

the aspirin base of Tab. Codein. Co. In water, Codis provides—with codeine and phenacetin—calcium aspirin.

It is substantially neutral, and is therefore extremely well tolerated.

For these reasons the medical profession has widely endorsed Codis. You will find yourself dispensing it increasingly often.



CODIS

Composition. Each Codis tablet contains: Acid Acetylsalicyl. B.P. 4 gr., Phenacet. B.P. 4 gr., Codein. Phosph. B.P. 0.125 gr., Calc. Carb. B.P. 1.2 gr., Acid. Cit. B.P. (exsic) 0.4 gr.

CODIS IS NOT ADVERTISED TO THE PUBLIC

DISPENSING PACK (Purchase Tax Free). 500 tablets in distinctive gold foils of 10 tablets each, 25/- per box.

PUBLIC SIZES. Pack of 20 tablets (in foil), 2/8 inc. P.T.; 8 tablets, 1/4 inc. P.T.

RECKITT & SONS LTD., HULL & LONDON, PHARMACEUTICAL DEPT., HULL

'Rhodia' Brand SODIUM PARA-AMINO **SALICYLATE**

IN ITS PUREST FORM

Ask for Sample & Quotation from U.K. Distributors:

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Phone: MONarch 1066 Wires: Greeff · Cent · London





Please ask your wholesaler for particulars of our special offers.

Write for illustrated brochures and price lists.

THE PROGRESS SHAVING BRUSH CO. LTD.

Mottram St., Stockport, Eng. 92 Regent St., London, W.I

Watch your profits grow

WITH

LUSH

COMPLETELY SOLUBLE

LIQUID FERTILIZER

The fertilizer gardeners are waiting for! LUSH Soluble fertilizer—already acclaimed by professionals and amateurs alike.

Full-page advertising in the gardening Press, regular weekly insertions in the leading National newspapers and Television will soon be telling gardeners everywhere of the remarkable growing powers of this unique new fertilizer—the plant food that gets really big results and gets them quickly.

LUSH is easy to apply, Simply add to the cold water in the watering can. Being completely soluble there is no sediment to block the rose.

LUSH is inexpensive! A 3/11 tin makes 250 gallons of rich liquid manure—5 gallons for 1d.

LUSH will mean quick results and heavier yields for your customers—bigger profits and a faster turnover for you.

Manufactured by:
LUSH-GREEN PRODUCTS LTD., LUTON

Sole Distributors:

KAY BROTHERS LTD., Stockport



Normal Trade Terms: 31/4 dozen.

BONUS

OFFER

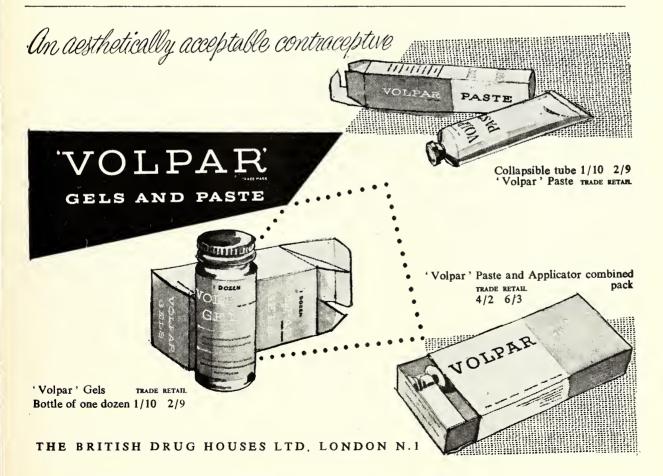
Hurry!

12 for the price of 11. Valid until 31st March, 1958

Get your order in now!

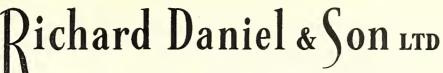
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PACKED GOODS

Attractively labelled and presented

PRICE LIST ON APPLICATION

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a medical problem



the prescribable answer



(SELENIUM SULPHIDE, ABBOTT)

is the solution to the medical problem of DANDRUFF

FOR FURTHER INFORMATION OR A SAMPLE, PLEASE WRITE TO:

ABBOTT

About Laboratories Limited . 8 BAKER STREET . LONDON



Write to us for a sample tube of this successful line and particulars of generous trade terms.

Excellent Formula

Modern Pack

ARTHUR H. COX & CO. LTD.

Manufacturing Chemists since 1839
BRIGHTON · ENGLAND

CARTONED TUBES PACKED
IN ATTRACTIVE SHOWOUTERS
OF I DOZEN

DISPLAY MATERIAL AVAILABLE

A new plastic nebuliser effective against antibiotic resistant bacteria

(contains no sulphonamide)

Formula : Liq. Benzalkonium Chloride 0.04% Ephedrine Hyd. 1.0%



NEO-RHINAMID

INDICATIONS

Acute Rhinitis Chronic Rhinitis Catarrhal infections with deflected septum Small septal ulcers Pharyngitis

PACKING

Plastic nebuliser containing 15 c.c. solution

Trade price inc. P.T. **26**/- dozen

Retail price inc. P.T. 3/3 each

BAILLY LTD., LONDON

VELTIS

EMOLLIENT CREAM

PROFIT OF

50% TO 67%

ON COST PRICE

PERFUMED

Tube Trade Price Inc. P.T.

Retail Price Inc. P.T.

40 gm. $1/7\frac{1}{2}$ each

2/6 each

70 gm. 2/6½ each

3/10 each

UNPERFUMED

40 gm. $1/1\frac{1}{2}$ each

1/10 each

70 gm. |

1/83 each

2/10 each

(F)

BENGUE & CO., LTD., Manufacturing Chemists, MOUNT PLEASANT ALPERTON WEMBLEY MIDDLESEX





TO HELP YOU Whitecross introduce the "Scala" box—a compact unit containing a selection (2s. 6d.—7s. 6d., retail) of 24 Italian ladies sunglasses together with a free display stand—simple, attractive and space-saving.

TO BOOST YOUR SALES the Whitecross Range for 1958 will be given **TELEVISION** advertising backing from May 19th onwards, ASK your usual wholesaler for our illustrated brochure.

★ SEE our **RHODOGLASS** Lightweights—from France—an up-to-tho-minute range with extra sales appeal—retailing from 3s. 11d.



* Whitecross Optical Company

(Proprietors, Fredk. Lehmann Co. Ltd.) Frederick Works, Rochester Place, London, N.W.1.

REG. TRADE MARK Telephone: GULliver 6731-2-3

Elastoplast

starts 24th March

5%

BONUS DISCOUNT

on £20 orders (trade price value) that include a special parcel of assorted first aid dressings to the value of £9.10.6.

21%

BONUS DISCOUNT

on £10 orders (trade price value) that include a special parcel of assorted first aid dressings to the value of £5.8.0.

- USUAL QUANTITY DISCOUNTS

Here's a great opportunity for everyone

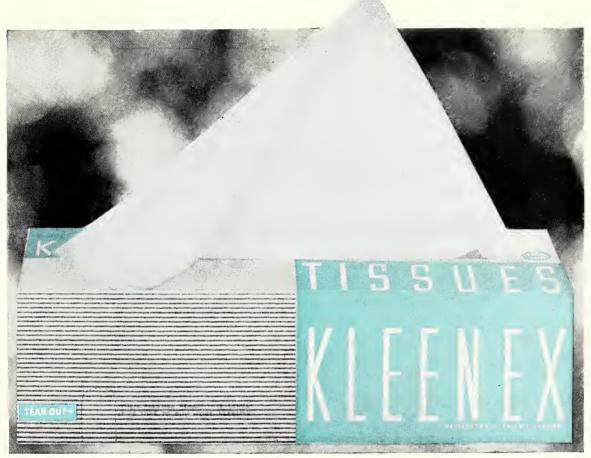
— for a limited period only

S&N

SMITH & NEPHEW LTD · WELWYN GARDEN CITY · HERTS

FREE KLEENEX* TISSUES

plus extra sales for you



Exclusive "POP-UP" boxes 2/- or 2/9 (24 per case)

NEW AQUA-TINT KLEENEX this year's most fashionable colour

24 Kleenex Aquatint 2^L size FREE

—with every 10 case combination of Kleenex tissues ordered. Can be added to your Kotex* sanitary towel and Delsey* toilet tissue orders for additional display allowances. Offer closes 30th April, 1958. Ring your wholesaler or order direct.



Essential Oils

ENGLISH DISTILLED

SANDALWOOD • LAVENDER • CORIANDER **NUTMEG • CLOVE • CARDAMOM • ORRIS • PEPPERMINT** CASCARILLA • OPOPONAX • CHAMOMILE



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THE ITEMISING CASH REGISTER THAT KEEPS ITS OWN BOOKS

You cannot afford to be without

Clary the world's fastest itemising
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itemised receipt. It subtracts refunds
and credits automatically while
preserving perfect cash balance.
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ADDRESS

CARNEGIES PHARMACEUTICALS

introducing

Asthma 23-D

Anti-asthmatic Tablets

. . . . containing the new potent, non-toxic anti-inflammatory agent :--Sodium Caffeine-a-naphthyl Acetate.

(Pat. applied for)

Now being brought to the notice of the Medical Profession directly and by advertising in the medical journals.

> Supplies available through your usual Wholesaler.

Tubes of 30 Tablets.

Trade price 3/6 per tube
Purchase tax . . . 1/1 , , , Retail price (inc P.T.) 6/4 "

Dispensing Pack

Bottle of 250 Tablets 22/9 plus 6/10 P.T. Prescribable on Form E.C.10



Manufacturers:

CARNEGIES OF WELWYN LIMITED

Manufacturers of fine chemicals. Established 1911.

Sole Distributors in the United Kingdom

SAVORY & MOORE LIMITED

Standard Works, Lawrence Road, London, N.15 Telephone: Stamford Hill 3456

For the busy Chemist

the new Cuticura Medicated Liquid provides a two-fold service. Just one bottle makes a brilliant and attractive display that answers the customer's enquiry "What do you recommend . . . ?" And every bottle earns the customer's thanks for a preparation that effectively soothes and relieves minor skin and scalp irritations.

Mildly medicated for the Care of the Skin, as are all the Cuticura Preparations-Soap, Ointment, Talcum Powder and Shaving Stick-now comes the new

Cuticura Medicated Liquid

Trade Price 23/6 dozen, selling at 3/2 bottle Purchase Tax 30%

336

TOMATO COCKTAILS Diabetics are describing them as:— "DELIGHTFUL" "DELICIOUS" "A WELCOME EXTRA" THE PURE JUICE IS SO MUCH BETTER THAN ORDINARY SQUASH Apply to your wholesaler or direct to 8 HOWARD STREET, GT. YARMOUTH TELEPHONE: 4344 THE PURE MELCOME EXTRA



During the months of March and April there will be a one-in-twelve bonus on all orders for Kwells.

Kwells has always been a sure seller throughout the summer. It will be again this year. So why not estimate your season's requirements, order it all on these bonus terms, and get $8\frac{1}{2}\%$ extra profit.

And if, by including other E.G.H. lines, you can make up your order to a value of £10, you will also qualify for the $12\frac{1}{2}\%$ discount.

The public price of Kwells is being increased to 1/9 per tube as from 3rd March.

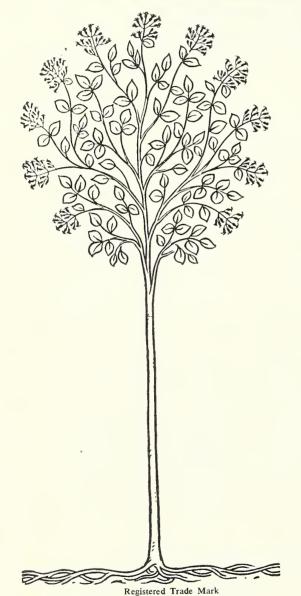
The price has remained unchanged since Kwells was first introduced in 1947. Now, the progressive rises in costs compel us to make this increase.

At 1/9 per tube of 10 tablets, Kwells is still the most economical of the established brands of travel-sickness remedies.

Kwells is sold by chemists only, and is manufactured by E. Griffiths Hughes Ltd., Manchester.

travel sickness with Kwells than with any other remedy

BISMUTH



A "TREE OF LIFE" PRODUCT

CARNEGIES BISMUTH SALTS

Bismuth Carbonate
Bismuth Citrate
Bismuth Oxychloride
Bismuth Salicylate
Bismuth Subgallate
Bismuth Subnitrate
Bismuth Tribromphenate
etc. . . .

The above can be supplied in a wide range of packing to suit customers individual requirements.

MANUFACTURED AT OUR
WELWYN GARDEN CITY FACTORY

CARNEGIES OF WELWYN LIMITED

Manufacturers of Fine Chemicals WELWYN GARDEN CITY · ENGLAND

Telephone: WELWYN GARDEN 5001 (10 lines)

Telegrams: CARNEGIES, WELWYNGARDENCITY TELEX

Telex: LONDON 28676

THE PHRASE ON EVERYONES LIPS

THIS SUMMER WILL BE

ET YOUR SEA - LEGS BEFORE YOU START" STOP

IN ITS VERY FIRST SEASON THIS

PREPARATION PROVED TO BE OUTSTANDING

AGAINST TRAVEL SICKNESS STOP

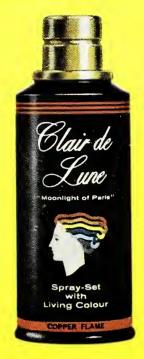
THIS YEAR

BDH WILL FOLLOW UP WITH BIGGER

ADVERTISING PROGRAMME IN

PRESS POSTERS TV STOP VERY ATTRACTIVE

TERMS FOR DIRECT BUYING STOP



Clair de Lune perfumed Spray-Set in 5 shades of "Living Colour":

SABLE ROYAL

*
PURE GOLD

*
COPPER FLAME

*
BLACK STARLIGHT

*
BLUE DIAMOND

plus

NATURAL (Tintless)
SHEER SHEEN

Full page and

half page colour

advertisements in

VOGUE

WOMAN

WOMAN'S OWN

WOMAN AND BEAUTY

NEW! Never Before Beauty for the Hair

Clair de Line

SPRAY SET WITH 'LIVING COLOUR'



Full page and half page colour advertisements in the nation leading magazines plus repeated demonstrations on all IT stations will sell Clair de Lune Spray-Set for you.

NEW "PROFIT-MAKER" "Clair de Lune" Spray-Set with

Highlight-tints Hair, Sets Curls Instantly, Hold

New, Never-Before Aerosol Hair Spray

Clair de Lune from Paris sprays an exciting new shade of "Living Colour" on to the hair at the touch of a button! Not just an ordinary hair spray: not just a sticky lacquer—Clair de Lune is a hair beautifier which comes in 5 glamorous shades of "Living Colour". It comes, too, in a Natural, with a tintless "Sheer Sheen", which intensifies and highlights the natural colour of the hair. What is more, the perfected silicone action of this fabulous new product "weatherproofs" the hair. Clair de Lune also contains vitamins and "satinizing lanolin" to recondition the hair, as it adds new colour and new curl control. And it's superbly perfumed—as only Paris knows how!

New, Never-Before Hair Market

Never before has the combined demand of the 2 mo massive, most profitable hair product markets—for Settir and Tinting—been met by one solitary product. With th sensational 2-in-1 appeal, Clair de Lune Spray-Set wit "Living Colour" sells to the greatest hair product markeever at a profitable 15/9d.

New, Never-Before "Living Colour" Advertising

Beautiful, full colour advertisements sell Clair de Lur for you—in the full pages and the half pages of the nation leading women's magazines. These magazines included VOGUE, WOMAN, WOMAN'S OWN, WOMAN AN BEAUTY. In addition, Clair de Lune will be demonstrate repeatedly on the screens of millions of ITV homes through out the country. And last, but certainly not least, Clair of Lune's beautiful, full colour window streamer and displamaterial will spark a new, never-before demand where it pay YOU—over YOUR counter!



(inter-card sparks extra on-the-spot bulse sales where they pay you—assures you of extra volume and extra profits.

CASH IN ON THIS BIG COLOUR PROMOTION!



Put this streamer in your window! Clair de Lune's beautiful self-selling show material ties in your display with big national advertising campaign—pulls extra street traffic into your store.

FROM PARIS iving Colour

Hair-do Softly for Hours

New, Big Profits from "Clair de Lune"

Never before has a new pressure-packed product offered your istomer so many new beauty aids for the hair. Never before ave you had a new product with so much sales potential, ever before have you had all this PLUS such a spectacular jaranteed sales plan...

...and a Launching Bonus with this Guaranteed Sale!

Every dozen Clair de Lune you order now will be sent out 13 full bombes (assorted 2 Sable Royal, 2 Pure Gold, Copper Flame, 2 Blue Diamond, 2 Natural with "Sheer heen" and 3 Black Starlight) and one dummy bombe for ou to use with the display material included.

Du to use with the display material included.
They will be sent on a GUARANTEED SALE basis and VVOICED AS 12 UNITS ONLY, in anticipation of your taining them all. If, later on, you wish to return any to us ou may do so at any time up to 31st May, 1958 when they ill be credited, less the one Bonus Unit.

GUARANTEED SALES PLUS BIG BONUS

Normal Trade Prices . . 78/9d. per doz. plus 70/10½ per doz. Purchase Tax.

Consumer Price 15/9 each

ON THE BONUS TERMS

You pay . . . £7 . 15 . $6\frac{1}{2}$ (including Purchase Tax) You take . . £10 . 4 . 9 (including Purchase Tax)

YOUR PROFIT IS £2.9.2½ ON EVERY DOZ.

Any returns under the guaranteed sale offer must be made by 31st May, 1958 to reach us no later than 10th June, 1958.

Sole Distributors:

FASSETT & JOHNSON LTD.,

86, CLERKENWELL RD., LONDON, E.C.I • 139, BATH ST., GLASGOW, C.2

NEW!

Profit from this new sale-guaranteed concentrated food supplement

WATE-ON

for thin, underweight men, women and children

Wate-on is the quick action, concentrated food supplement formulated to help thin underweight people gain pounds and inches of firm healthy flesh in a pleasant way. It's safe for anybody in good health to take. nicer than the usual fishy oils and sugar mixtures. and proved in use. Gains of 5, 10, 20 lbs. have been reported in clinical tests.



Wate-on is wanted by men, women, children everywhere! And large scale national advertising (starting April) will move Wate-On fast across your counter!

BIG PROFITS - NO RISK!

Wate-On retails at 17/6 a bottle—list price 140/- a dozen. No purchase tax. Profit to you is 5/10 on every bottle.

ORDER NOW! from sole distributors

DENDRON DISTRIBUTORS LTD.

94 Rickmansworth Road, Watford, Herts.





DROXALIN palatability

in Peptic Ulcer

No peptic Ulcer, carefully regulated medication is

IN PEPTIC ULCER, carefully regulated medication is often interrupted by the patient's distaste for an acid adsorbent: Bland and palatable, DROXALIN TABLETS overcome this difficulty and are widely prescribed in the treatment of Peptic Ulcer, Hyperacidity and Sickness of Pregnancy.

DROXALIN combines the two most preferred acid adsorbents – Aluminium Hydroxide and Magnesium Trisilicate. Pleasantly flavoured, the DROXALIN TABLET commands the patient's ready acceptance, being free from grittiness or the metallic taste usually

associated with Aluminium Hydroxide therapy. DROXALIN gives quick relief from pain by rapid acid adsorption* without danger of secondary acid rise or other harmful side effects. The special film packing enables DROXALIN to be carried hygienically in pocket or handbag.



Active ingredients per tablet:
Gelat. Alumin. Hydrox. Sicc... 2.5 grains Mag. Trisil ... 2.5 grains.

* This will neutralise 50 mls. of N/10 HCI in thirty minutes.

AT 2/6d. FOR 30 TABLETS DROXALIN SHOWS 34% on S.P. A Dispensing Pack of 504 tablets is available.

DROXALIN

Doctors receive regular mailings and samplings

SCOTT & TURNER LTD., ANDREWS HOUSE, NEWCASTLE UPON TYNE, I.

STOCK NOW & DISPLAY



WANDER

DIABETIC

BISCUITS

A Scientific Advance for Diabetics

A. WANDER LTD., the makers of 'Ovaltine', recently introduced Wander Diabetic Chocolate. They are now pleased to announce the introduction of Wander Diabetic Biscuits.

Prepared in consultation with the British Diabetic Association, these delicious, high quality biscuits are sugar-free, low in carbohydrate content and a rich source of extra dietary vitamin B₁. These advantages make them suitable for those on slimming diets as well as for diabetics.

Attractive counter display material gladly sent on request.

Advertised in the 'Diabetic Journal'

PRICES: Retail—2/6d. per $\frac{1}{2}$ lb. packet. Trade—21/- per doz. $\frac{1}{2}$ lb. packets.

May be included with 'Ovaltine' products for discount terms,

ORDER YOUR STOCK NOW

from your usual wholesaler or from

A. WANDER LIMITED,

42 Upper Grosvenor Street, London, W.1.

Phone: GROsvenor 3931.

cket.
packets.

BISCUIS

T. 60

"Variety is the spice of mixed feeding.

"When your baby starts taking a mixed diet, ring the changes and make it as widely varied as you can."

This is an extract from an article in a recent issue of Family Doctor, in which a leading children's dietitian emphasises the importance of variety in mixed feeding for babies.

This emphasis on variety is the modern trend in baby feeding and your customers will want to keep in step with present-day thinking.

There are 21 varieties of Heinz Baby Foods. Keep a wide selection on display in your store. The more your customers see, the more they'll buy!



Strained broths, soups, vegetables, and sweets

Heinz Baby Foods

H.J. Heinz Company Limited, Harlesden, London N.W.10



HEMIST JGGIST

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 169

March 22, 1958

No. 4074

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MORGAN BROTHERS (PUBLISHERS), LTD., at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 Telegrams: Chemicus, Estrand, London

Branch Offices:
WOLVERHAMPTON: 89 Woodland Avenuc, Tettenhall Wood.
GLASGOW: 160 Nether Auldhouse Road, S.3. *Phone: Langside* 2679.
LEEDS, 16: 32 Wynford Rise, West Park. *Phone: Leeds* 67 8438.

ANNUAL SUBSCRIPTION

which includes The Chemist and Druggist Diary and Year Book, £2 10s. Single copies one shilling each.

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LIBRARY

WelMOmec

Coll.

Coll

No.

An even bigger campaign for

Endocil

the hormone cream only chemists sell!

12½% for display

ON ALL ORDERS OF

1 DOZEN AND OVER
IN ADDITION TO THE
Normal Discount of

333%

98% of women will see powerful ENDOCIL advertisements in these magazines:

WOMAN · VOGUE
GOOD HOUSEKEEPING
WOMAN'S WEEKLY
WOMAN'S JOURNAL
HOUSEWIFE
EVERYWOMAN

Tubes $5'7\frac{1}{2}d$ (inc. P.T.) Featherweight jars $13'7\frac{1}{2}d$ (inc. P.T.)

Volume 169

MARCH 22, 1958

No. 4074

Resale Prices in U.S.

BILL TO LEGALISE THEIR MAINTENANCE

A BILL to legalise, at the Federal level, the maintenance of resale prices of "identified" merchandise has been introduced into the United States House of Representatives.

The Bill would make it lawful for a proprietor (the owner of the trade mark or trade name attached to the "identified" merchandise) to establish a stipulated or minimum resale price on goods that are in free and open competition with articles in the same general class but produced by other suppliers. The price would be notified to distributors "by actual notice" (by post, through advertisements, on labels, or orally). It would ordinarily be illegal for any person so notified to sell, offer to sell or advertise the goods at a lower price than that set by the proprietor, who is "deemed to hold a proprietary interest in the merchandise after he has sold it to the distributors." The Bill would not permit contracts, combinations or agreements between persons, firms or corporations in competition with one another to maintain prices, but distributors of merchandise of the same proprietor sold under the same mark or name would be permitted to co-operate with him in maintaining the prices he had established. [Comment, p. 317.]

Franco-British Lectures

DETAILS OF 1958 TOURS

DETAILS of the 1958 lecture tours (of France and Britain by pharmacists from each country) arranged by the Franco-British Pharmaceutical Commission Pharmaceutical were announced on March 17. On April 28 Professor Albert Lespagnol (dean, School of Pharmacy, Lille University) and Mr. Henri Lagodsky Lagodsky (Specia Biological Laboratories, Paris) are to speak to branches of the Pharmaceutical Society and students of pharmacy in Brighton, Cardiff and Bristol. Professor Lespagnol is to deal with the problems facing the research worker in the field of new medica-ments; and Mr. Lagodsky with the present conditions for the control of the sterility of medicines and the lines of future development. In May, Professor A. D. Macdonald (professor of pharmacology, Manchester University) and Dr. A. C. C. Newman (developments manager, Wellcome Foundation, Ltd.) address pharmacists and students of pharmacy in Strasbourg, Lille and Besancon. Professor Macdonald's subject is "What's New," and Dr. Newman's "The Development of a Medicine from the original research Conception up to the Stage of the final Product." In June, pharmacists of both countries meet in Congress at Peebles Hydro.

Social Security

AGREEMENT WITH NORWAY

THE Convention on Social Security between the United Kingdom and Norway, which was signed on July 25, 1957, has been ratified and comes into force on April 1, it was announced by the Ministry of Pensions and National Insurance on March 17. The Convention covers cash benefits provided by the two countries for unemployment, sickness, maternity, old age, widowhood, orphanhood, industrial injury and death. It enables nationals of either country to add together insurance contributions paid in the two countries in order to determine the right to receive benefit. The Convention also covers the family allowances and health services of the countries and includes provisions about seamen, in particular seamen serving on board whaling vessels. Medical treatment is to be available under Norwegian Health Insurance for all British nationals in Norway, including tourists.

Trends of Industry

MANUFACTURERS' PROFITS SHOW FALL

ACCORDING to a survey just completed by the Federation of British Industries, the Government's financial measures have already exerted a strong pressure on industrial profits and prices, though not so far on the general level of activity. Replies were received from over 500 companies. The Federation states that they represent roughly a quarter of British industry. More than half the firms reported that profit margins fell during the past half-year, and only 5 per cent, reported an increase. Rather less than half the firms stated that the rate of new orders had declined in the past six months, and a quarter of them said that orders had actually increased. Reports on home and export deliveries showed slightly more firms saying that shipments were

down than those which said they were up; and there were fewer firms with increasing export trade than with increasing home trade.

I.P.S.F. Study Tour

STRASBOURG VENUE FOR 1958

ABOUT 150 pharmaceutical students and young pharmacists from various parts of the world are expected to participate in the International Pharmaceutical Students' Federation study tour which is being held at Strasbourg, France, August 16–25. The programme includes sightseeing tours, excursions through the Alsatian country and Rhine Valley. visits to pharmaceutical laboratories, receptions, discussions, lectures, and social events. Accommodation is to be made in the university city at a modern students' hostel. The inclusive cost is £10–£13. Reservations may be made and further details obtained from: Anne Marie Klein, 19 Rue Castelnau, Strasbourg, Bas Rhin, France.

Travel Pictures

A ONE-MAN EXHIBITION IN LONDON

AN exhibition of photographs by Mr. J. Allan Cash, is on show at Kodak House, Kingsway, London, W.C.2, until April 3. During the past ten years, Mr. Cash has taken an average of 5,000 photographs a year and journeyed through many parts of the world. For the first time about 150 pictures have been selected from his library to form the exhibition.



GETTING AHEAD: Mr. D. G. Hinds, M.P.S., accompanied by his daughter Jane, being presented with a cheque for £70 by Lady Lewisham, Mr. Hinds won the heat in a television feature "Get Ahead" on March 13 (see p. 312).

News Chronicle picture

A New Laboratory Block IRISH NEWS

ASSAY AND FORMULATION

A NEW laboratory block at the Yalding works of Plant Protection, Ltd., is designed to replace the original laboratories, built about twenty-five years ago. In recent years the number of crop-protection chemicals has steadily increased and the preparation and testing of formulations grows ever more important, Control of the quality of chemicals, and the determination of possible chemical residues on crops are other functions of the laboratories. The necessary facilities have been provided in the new building which has an area of approximately 11,000 sq. ft. The new laboratories form part of the chemical group of the technical department of the company (the biological group is at Fernhurst research station). The section concerned with formulation is divided into subsections dealing respectively with the chemistry of weed-killers, insecticides, fungicides and seed dressings. The section is also responsible for the development stages of all new products, including their packaging. A toxic lab-oratory has been designed to safeguard the health of workers. Special features the health of workers. Special features include protective clothing such as a flexible, chemical-resistant suit, which encloses the worker and is fed with fresh air under slight positive pressure; plastic screening of benches, together with overhead extractor fans to draw off fumes and particles; an emergency shower; and wash-down floors drained to outside decontamination tanks. An intelligence section is responsible for liaison with the I.C.I. industrial hygiene research laboratories and the Ministry of Agriculture, Fisheries and Food on the various regulations concerning the toxicity of crop protection products.

Retail Sales

BOARD OF TRADE STATISTICS

RECENTLY issued Board of Trade figures show that sales of chemists' goods by independent retailers were goods by independent retailers were 31'8 per cent. lower in January than in December 1957, but 9'5 per cent. higher than in January 1957. Large retailers' sales were 53'5 per cent. lower in January than in December 1957 but 8'8 per cent. higher than in January 1957. Sales by co-operative societies were 35.9 per cent. lower in January than the previous month but 3 per cent. higher than in January 1957. The figures do not allow for receipts under the National Health Service.

Blood Clot Mould

STILL " EXTREMELY EXPERIMENTAL "

THE anti-blood clot mould, the discovery of which was credited to Dr. Mario Stefanini by the Massachusetts Heart Association on February 21, was still "extremely experimental" it was announced on February 23. Dr. Stefanini said that he would not be making any further statements until a report of his experiments had been published in the medical Press. According to the original announcement the mould extract had been used in trials with "excellent results" on twenty-five patients.

THE NORTH

Associates' Section

MONTHLY COMMITTEE MEETING

THE Associates' Section of Ulster Chemists' Association is to write to the Northern Ireland Development Council asking if they would consider encouraging pharmaceutical industry to manufacturing in Northern open up Ireland. Reasons are to be given why Northern Ireland would be suitable as a site for the establishment of pharmaceutical industry. That was unanimously agreed at a meeting of the Associates' committee held in Belfast on March 10, Mr. W. T. Hunter (chairman) presiding. A letter was read from the Society of Pharmaceutical Students asking for a grant towards their annual Easter tour to London, and it was agreed that a grant should be made to all paid-up associates on individual application to the Association's office.

Chemists Federation

NORTHERN IRELAND COMMITTEE

AT a meeting of the Northern Ireland Chemists Federation committee held in Belfast recently, Mr. C. J. Hall (chair-man) presiding, Fred Storey, Ltd., were re-elected wholesaler representative for a further period of two years. The constitution of the committee for the year is now as follows:—Retailer Represent-atives: Messrs. J. Caldwell, C. L. Gor-don-Rattie, W. J. Moffett, M. C. Mooney; Manufacturer Representatives: Messrs. R. J. Jeffers (Allen & Han-burys, Ltd.), C. J. Hall (Evans Medical Supplies, Ltd.); Wholesaler Representa-tives: Thomas McMullan & Co., Ltd., Fred Storey, Ltd. The following officers were appointed:—Chairman, Mr. C. L. Gordon-Rattie; Vice-chairman, Mr. F. Storey, C.B.E.; Secretary, Miss A. E. Strachan.

IRISH BREVITIES

THE REPUBLIC

THERE are still a few vacancies for the Irish Pharmaceutical Pilgrimage to Lourdes (see C. & D., January 25, p. 82). Applications should be made to the secretary, 69 Palmerston Road,



SCOTTISH NEWS

Pricing Bottleneck

EFFORTS TO ENSURE PAYMENT

EXECUTIVE Councils in Scotland are informing chemist contractors and dispensing doctors that, owing to the increased burden of pricing work caused by the autumn influenza epidemic and the coming into use of the revised Drug Tariff, the Drug Accounts Committee is experiencing difficulties in preparing timeously the authorisations of payment due for the supply of drugs under the Pharmaceutical Service. The Department of Health for Scotland, after consultation with the Pharmaceutical Standing Committee (Scotland), has decided that, in order to assist the Drug Accounts Committee to prepare authorisations, the issue of the detailed statements listing the dispensing fees and ingredient costs for individual prescriptions should be temporarily suspended. The statements showing in summary form the breakdown of the payments authorised are, however, to continue to be issued. In the absence of the listed statements, the priced prescription forms are to be forwarded for examination on request that that should be done. It is hoped, however, that such requests will not be made unless considered really necessary. Application for the posting of forms should be made to the Executive Council to which forms are normally sent for pricing. The priced forms are to be sent on the understanding that they will be returned by registered post to the Executive Council within ten days of receipt. Overtime is to be worked to ensure that contractors receive payments due for January prescriptions before March 31.

Comments on Syllabuses

MEETING OF EXECUTIVE

AT a meeting of the Executive of the Scottish Department of the Pharmaceutical Society on February 19 it was agreed to submit comments to the Society's Council on the draft pharmacognosy and pharmaceutics syllabuses. Dr. D. McCall (resident secretary) reported that he had been asked by the committee of the Franco-British Pharmaceutical Commission to undertake

arrangements for the Congress to be held in Peebles in June. Mr. J. B. Grosset (chairman) referred with regret to the death of Mr. T. Lowrie Sinclair.

DANCE ORGANI-SERS: The organising committee photographed eonmittee photographed at the annual dance of the Associates' Section, Ulster Chemists' Association, recently, Front row: Mr. W. T. Hunter (chairman), Miss S. Comerton, Messrs, T. Eakin and G. P. Taylor, At rear: Messrs, H. Hamilton, J. Shapiro, N. Appleton and J. Morley,

NEWS IN BRIEF

SALES at the drug departments of Oxford Co-operative Society for the half year ended January 20 totalled £20,491 compared with £15,637.

AUTHORISATION to be in possession of or to supply Dangerous Drugs has been withdrawn from John Adams Macdougall, M.B., Ch.B., 34 Liberton Brae, Edinburgh.

SIR Norman Kipping has been elected chairman of British Overseas Fairs in succession to Mr. Leslie Gamage, and Mr. W. P. O. Edwards has been appointed managing director.

SIR Nevile Bland, K.C.M.G., K.C.V.O. (a director of Abbott Laboratories, Ltd., 8 Baker Street, London, W.1, recently presented a gold watch to Mr. Leslie Cox on Mr. Cox's completion of twenty-five years' service with the company.

THE Export Credits Guarantee Department has moved its London office to Marlon House, Mark Lane, E.C.3 (telephone: Royal 3491). Its Nottingham office is moving to Lloyds Bank Chambers, Old Market Square (telephone: 46585) on March 25.

THE official index of retail prices at February 18 measuring changes in the average level of retail prices compared with the level at January 17, 1956 (taken as 100), was 108, the same figure as at January 14. Calculated to one decimal, the February index was 107.6 against 108.1 for January.

A FURTHER addition to the list of specially expensive drugs, reagents and appliances, for the supply of which doctors receive payment over and above their capitation fees, has been made by the Minister of Health. From March 1 heparin preparations are to be included in the list.

An open competition in diagnosis and first aid is being organised on a regional elimination basis by Casualties Union. The final is being held in London, on October 5. Entries should reach the Union's competition secretary, 9 Wimborne Way, Elmers End, Beckenham, Kent, not later than March 24.

MR. L. HAYWARD, M.P.S., Muswell Hill, London, N.10 (a past chairman, Middlesex Pharmaceutical Committee and North Metropolitan Branch, Pharmaceutical Society) has been appointed a member of the Archway Group Hospital Management Committee. Mr. J. Anderson Stewart, F.P.S. (secretary, Middlesex Pharmaceutical Committee) has been reappointed chairman of the Edmonton Group Hospital Management Committee.

CHEMIST contractors in England and Wales are being informed by Executive Councils that agreement has been reached with the Central National Health Service (Chemist Contractors) Committee that prescriptions ordering, under official names, preparations in the British National Formulary which are available only in proprietary form are to be priced and paid for on the same basis as orders for the preparation under a proprietary name (see C. & D., February 1, p. 111). The notice setting out arrangements is ECN262.

TOPICAL REFLECTIONS

By Xrayser

Not Overlooked

Reports of proceedings at the monthly meetings of the Council of the Pharmaceutical Society continue to exhibit a pleasing freedom from verbosity which would, one feels, have appealed to Mr. Alfred Jingle, though for those who would like to take a lively interest in affairs pharmaceutical the lack of information is discouraging. The charge of apathy so frequently heard at the time of Council elections may be in part a silent protest, or a confession of inability to size up the candidates through ignorance of their deeds. But with a careful reading of the monthly "digest," and an effort to read between the lines, it is sometimes surprising how much emerges. For example, in considering a letter from the Harrow and District Branch (p. 292) asking that efforts should be made to hold evening meetings of the Society again in London, it was recalled that in August 1956 a decision had been taken to discontinue evening meetings in the form they had taken up to that time, and that the possibility of arranging meetings of another type in the future would be considered. It was therefore agreed to inform the Harrow Branch that the matter had not been overlooked. Two full possible sessions have elapsed since that promise to consider, and nothing has emerged. Have any alternatives been examined? And if so, what were they? The phrase "not overlooked" does not have a very positive ring, nor does it hold out any early prospect of meeting the wishes of the Harrow Branch which, after all, had petitioned for a resumption of evening meetings. I have heard many complaints about the abandoning of meetings which were good "copy" for pharmacy in general, and which attracted many who were able to contribute discussion.

Receipts

Another item reported at the March meeting of the Council was a decision to alter the by-laws so that the secretary should be authorised not to give receipts for subscriptions and other moneys paid in by cheque, unless a receipt was specifically requested. I make no apology for returning to the subject of receipts. It has always seemed to me that ordinary good manners demanded the acknowledgement of a remittance. But in return for a cheque which is to meet statutory dues, is there to be nothing to show other than an unendorsed cheque that appears to have been paid through the account—that is, unless I go to the trouble of specifically requesting? And if I request my bank for the return of a cheque for a certain sum, which may be inclusive of fees and subscriptions to the Benevolent Fund and Birdsgrove House, is that to be accepted as evidence that I have paid my retention fees for the current year? And will all accountants accept such a statement? If the phrase "subscriptions and other moneys" does not mean fees, then again the brevity of the Council report leads to misunderstanding.

Readjustment

The issue of a new British Pharmacopæia takes us all another stage further from our youth, so much so in fact that we date unmistakably from the edition we struggled with as students. Indeed, a reference to a particular preparation as B.P. is, to the initiated, as clear a guide to one's age group as the whistling of "Little Dolly Daydream." The summary contributed by Mr. T. D. Whittet to your columns is perhaps more notable for older pharmacists in its omissions than in its new arrivals. It is some little time since the blue pill disappeared from my pharmaceutical experience, and now we witness the official demise of its week-end partner, the Seidlitz powder. The association was as close as that of roast-beef and Yorkshire pudding, and the partaking of the one without the other was equally unthinkable. It is perhaps easier to part with arsenical solution, which has never appeared to be the genuine article since it was robbed of its pink colour and its odour of lavender. But despite the lack of official approval, some of the traditional remedies will retain the confidence of a public which cares naught for the predilections of pharmacopæia commissions.

BRANCH MEETINGS

HARROW

New Drugs and Techniques

New Drugs and Techniques

At the monthly meeting of the Harrow Branch of the Pharmaceutical Society on February 18, two branch members, Messrs. G. Raine (chief pharmacist, St. George's Hospital, London) and A. W. Baker (chief pharmacist, Moorfields Eye Hospital) gave talks on "New Drugs and Techniques." Discussing R 875 (d-2,2-diphenyl-3-methyl-4-morpholino-butyrylpyrrolidine), Mr. Raine said it was hoped that it might be an effective substitute for diamorphine, the makers stitute for diamorphine, the makers claiming it to be four times stronger than diamorphine and ten to twenty times stronger than morphine. time would be required, he said, to prove whether it had habit-forming The product was not generproperties. ally available in Britain though it had been on the market on the Continent for some time. A new technique with an old drug (hyoscine) was mentioned by Mr. Raine. Hyoscine was being used in aqueous solution of one-twentieth per cent, or in one-tenth per cent. in oil. Both were being recommended particularly for school children since their application interfered with their sight for a much shorter period than atropine. The use of hysscine enabled refraction to commence within an hour of administration and the eve returned to normal within twenty-eight hours. It was recommended that the child lie down for administration of the aqueous preparation while the oily material was applied with a sterile glass rod.

NORTH METROPOLITAN **Marketing Field Policy**

AT the annual meeting of the North Metropolitan Branch of the National Pharmaceutical Union, Mr. J. A. Peile (retiring chairman) gave a résumé of the year's activities. MR. GRANT (new chairman) introduced Mr. J. Spaanderman (chairman. National Pharmaceutical Union Executive) who addressed the meeting. Mr. Spaanderman said that the main object of the meeting was to have a discussion among the members on the current work and trends of N.P.U. and its present policy in entering marketing, in which field some difficulties were having to be surmounted. The Chemists Federation, he said, were waiting to give evidence at Restrictive Trade Practices Court and were collecting evidence to submit before the Court. fore the Court. He appealed to members to let Queen Square know of any evidence to support the principle that the pharmacist was the right and proper person to sell medicines to the public. With rising costs, the profit With rising costs, the profit margins set by many manufacturers were not good enough and negotiations were always going on, to improve those. Rebate schemes were fully supported by N.P.U. He felt all manufacturers should give full warning of the reduction in price and compensate in full for stock held. The Nucot Wool and Glucose packs would be available by Easter and Counter bags with N.P.U. carboy were being designed. To succeed those schemes would require 100 per cent. backing by the members.

Employee incentive schemes by some manufacturers while not wrong at the moment might require careful watching in future. Information was being sought on the advisability of launching a further television advertising service on a different range of products. Suggestions which emerged during the discussion were, that members should get advanced information from manufacturers of proposed coupon schemes; that a fund be set up for television advertising; and that the N.P.U. should use every available means of "putting over" the idea of the Independent Chemist to the public. Members complained of increasing duplication and multiplication of processition lines to multiplication of prescription lines to a point of permutation of formulas with untoward effects upon stocks. A vote of thanks was proposed by Mr. Leaversuch (vice-chairman).

FESTIVE OCCASIONS

READING

Importance of the "District"

READING and District Branch of the Pharmaceutical Society held its annual dinner and dance in Reading recently. Mr. F. McNeice (chairman of the



CHAIRMAN AND HIS LADY: Mrs. and Mr. F. McNeice, who presided at the annual dinner and dance of the Reading Branch of the Pharmaceutical Society recently.

Branch) presided, and the guests of honour were the mayor and mayoress of Reading and Dr. H. Davis (chief pharmacist to the Ministry of Health) and Mrs. Davis Dr. Davis proposed "The Reading and District Branch of the Pharmaceutical Society," laying considerable emphasis on the "and Disand Mr. McNeice responded in an equally light-hearted manner. He mentioned the curious fact that, with four pages of Williams's in the pharmaceutical register, most pharmacists at the mention of the name thought instantly of the secretary of the Reading Branch. By contrast the chairman of the Branch (and of the dinner) was the sole representative in the register of the clan McNeice. In his response, Mr. MCNEICE criticised the Pharmaceutical Society's Council for its educational policy. If only Bloomsbury Square would listen, he said, more to the branches and less to the educationists, the outlook for pharmacy might be brighter. Following the dinner the 300 members and guests enjoyed a programme of cabaret and dancing until one a m.

NORTH STAFFS

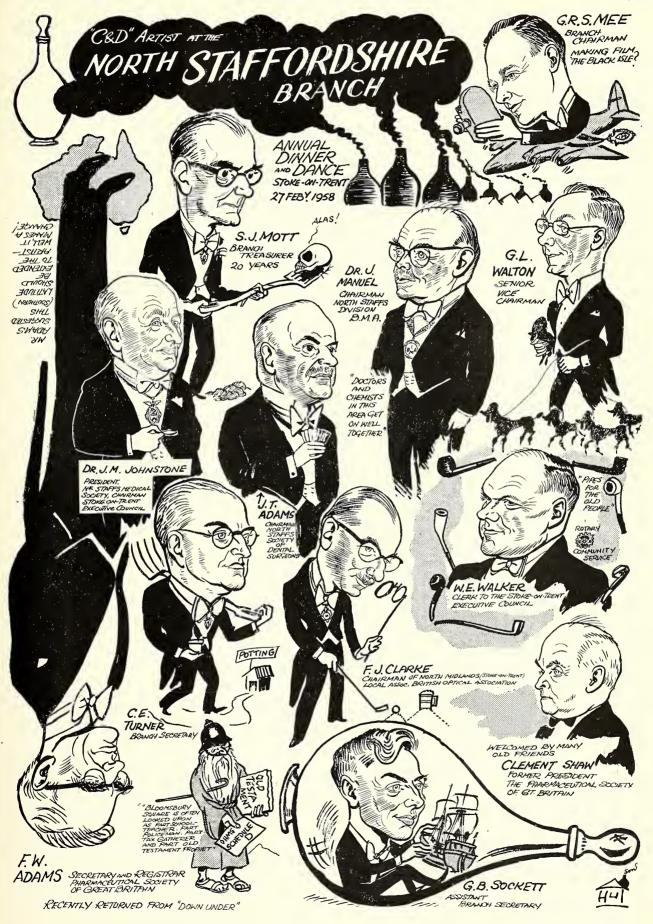
Message from Queen

270 GUESTS heard a message from Her Majesty the Queen in reply to an earlier telegram sent by the Branch read by Mr. G. R. S. Mee (chairman) at the annual dinner and dance of the North Staffs Branch of the Pharmaceutical Society held in Stoke-on-Trent on February 27. Proposing the toast of the Pharmaceutical Society, Dr. J. Manuel (chairman, North Staffs division, British Medical Association) said that the founders of the Society in 1841 could hardly have visualised the tremendous strides it would make and the important part it would play in the Welfare State. Doctors and pharmacists in North Staffs had always worked well together and in 1958 they had had three com-bined lectures for doctors and pharmacists at the instigation of the Branch. Mr. F. W. Adams (a secretary and registrar of the Pharmaceutical Society) in reply, said that it was of great importance that doctors and pharmacists should have partial report and series should have mutual respect and assistance. The Society had an important function to perform and was regarded ance. by its members as "a mixture of school-master, policeman, tax-collector and Old Testament prophet." The toast to the guests was given by Mr. G. R. S. Mee and replied to by Mr. W. E. Walker (clerk, Stoke-on-Trent Executive Council). A pottery forms was street to the school of the contract of the council of cil). A pottery figure was presented to Mr. Adams by Mr. Mee and Mrs. Mee chairman, ladies' section of the Branch) handed over on behalf of the Branch a cheque of £20 for the Benevolent Fund. A replica of the Branch badge was presented to Mr. H. H. Morrell (immediate past chairman). Among the (immediate past-chairman). Among the guests present were chairmen and secretaries of the North Staffs Branch of the British Medical Association, Medical Society and Optical Association and chairman of Stoke-on-Trent Executive Council.

LANCASTER

Annual Dinner

AMONG the 127 guests at the annual dinner and dance of Lancaster, Morecambe and Westmorland Branch of the Pharmaceutical Society at Heysham on February 5 were Mr. and Mrs. A. C. Powell, St. Annes-on-Sea, who attended as part of their silver wedding anniversary celebration. Miss M. Baron presided and Mr. J. H. Hayhurst (vicechairman, Preston Branch) and Mr. R. W. Harrison (Lancaster Branch secretary) gave their services as toast masters.



LEGAL REPORTS

Jail for Threat to Chemist

AT Glamorgan assizes on March 12, John Payne, Upper Taff Street, Merthyr, pleaded guilty to demanding money with menaces from a local chemist and was sentenced to twenty months' imprisonment. In letters to the chemist Payne claimed that he was overcharged for a bottle of tablets although there was absolutely no foundation for the accusation, said the prosecution. The chemist immediately communicated with the police. The offensive letter was written by Payne with a brush, not a pen. In it Payne said he would accept a £20 bribe to drop the matter. "Your name is worth treble that," said the letter. "I am doing you a favour." Payne was stated to have been in prison for dishonesty and to have done no work for several years.

Poisons Act Offence

AT Ahascragh district court recently, James T. Sweeney, general merchant, was summoned at the suit of the Phar-maceutical Society of Ireland for the illegal sale of poisons, namely Rodine, lysol, and Sulphamethazine. Evidence was given by Mr. P. O'Briain (inspector of the Society) of having purchased the goods from a young assistant, who since gone to England. The preparations, he stated, were not labelled with the name and address of the seller; the purchaser was unknown to the vendor, and the purchaser was not asked to sign a poison register. For the defence it was stated that the stock sold was residual stock of a pharmacy which was discontinued six years ago. He had instructed his employees not to sell any of those lines, but as he had thirty-five employees it was possible that the young girl who sold them was not aware of this instruction. The judge said he felt that the Society was justified in bringing the prosecutions, but thought that one summons would have served the purpose. He imposed a fine of 10s. on each of the three counts under Section 2 of the Sales of Poisons Act (1870), and applied the Probation Act to the summons under Section 30 of the Pharmacy Act (1875). He allowed £3 3s. costs and £3 3s. towards the Society's expenses. Sweeney gave an undertaking that he would not sell any poison preparations in future.

Arson Charge

AT Leeds assizes recently, Kenneth Denton Holland, M.P.S., who had been committed for trial from the Hull magistrates' court (C. & D., March 1, p. 225), was remanded for a week for a medical report after he had pleaded guilty to setting fire to material inside his chemist's shop at 18 Princes Avenue, Hull, on February 9. His plea of not guilty to maliciously setting fire to the shop was accepted by the prosecution. A detective said Holland opened his own shop in 1934 and made a success of the business, which he sold in 1940 on joining the army. He was discharged on medical grounds in 1941, and for the next ten years he was a manager in two chemist's shops until the business of Hollands the Chemists was incor-

porated. "This offence is far removed from his normal behaviour. It is a result of hopeless depression brought about by prolonged financial trouble and indifferent health," said the officer. For the defence it was said Holland was responsible for the running of the business, and was paid £8 per week, his wife being paid a further £2 a week. In the year ended March 1957 the turnover was about £5,000, and it looked as though too much money was being taken out of the business-not solely by Holland. At the end of 1957 the company was in deep water. There was an overdraft of £600, and Holland borrowed £650 to pay trade debts. He regarded that as a personal matter, and did not tell anyone what he had done.

COMPANY NEWS

Last year's figures in parentheses

LUSTY'S NATURAL PRODUCTS, CO., LTD.—Mr. S. F. Gillam has been appointed a director of the company.

EVAN WILLIAMS CO., LTD. — Messrs. A. Chaventre and C. Chaventre have disposed of their interests in the company and retired from the board.

DUBARRY PERFUMERY, LTD.—Dividend for 1957 is $7\frac{1}{2}$ per cent. (5 per cent.). Group net profit is £13,873 (£6,556) after tax of £15,815 (£8,775), etc.

WILLIAM GOSSAGE & SONS, LTD. — Net profits for 1957 were £186,482 (against £196,327) after deducting tax of £162,488 (£168,865). Ordinary dividend is held at 20 per cent., tax free, absorbing £140,000.

JOSEPH CROSFIELD & SONS, LTD.—Net profits for 1957 were £883,349 (against £923,567) after charging tax of £980,240 (£1,069,785). Ordinary dividend is again 25 per cent., tax free, absorbing £750,000.

P. B. COW, LTD. — Final Ordinary dividend is 5 per cent., making 10 per cent, for 1957 (same for 1956). Group trading profits were £338,080 (£351,615). After charging tax of £190,145 (£199,504) and crediting tax adjustments relating to earlier years of £9,965 (£5,301), net profits were £157,900 (£157,412).

JAMES WOOLLEY SONS & CO., LTD.—Mr. H. E. Latham and Colonel Watson have decided to retire from the board on March 31. From that date Messrs. P. Q. Henriques and H. Wallwork are being appointed directors. As a result of a serious illness and also the increasing volume of work, Mr. J. W. Turner resigned as company secretary on March 17, but will assist Mr. J. N. Johnson who has been appointed secretary-accountant.

F. W. HAMPSHIRE, LTD.—Final payment of 10 per cent. Trading profits for the year ended December 5, 1957, increased to £140,517 from £89,465, plus investment income of £16,727 (£17,993), and surplus on revaluation of property of £63.704 (nil). Depreciation absorbed £17.054 (£16,625) and tax took £64.087 (£44,223). Loss on disposal of interest in subsidiary, £67,620 (nil). Ordinary dividend is $16\frac{2}{3}$ per cent. (same).

Voluntary Liquidations

HOLLANDS THE CHEMISTS, LTD., 18 Princes Avenue, Hull. Liquidator: John Leslie Anderson, National Provincial Chambers, Silver Street, Hull.

J. M. PARRY, LTD., retail chemists, 72 Commercial Street. Aberbargoed, Bargoed, Glamorgan. Liquidator: Sidney Chater, 35 Windsor Place, Cardiff, and Ronald P. Booth, 14 Holborn Viaduct, London, E.C.1.

ENCOTTS (CASH CHEMISTS), LTD., 114 Piccadilly, London, W.1, and proprietors of N. A. HILL, 42 Shaftesbury Avenue, London, W.1. Liquidator: Ronald Parkyn Booth, Kimberley House, 14 Holborn Viaduct, London, E.C.1.

New Companies

P.C. = Private Company; R.O. = Registered Office

A. J. GOMIERO, LTD. (P.C.). — Capital, £4,000. To carry on the business of manufacturers of and dealers in ehemicals, essential oils, and raw materials for the perfumery, cosmetics, soap, pharmaceutical and food flavouring industries, etc. Subscribers: Attilio J. Gomiero, Douglas W. Mathieson. Attilio Gomiero is the first director. R.O.: 6 Cowper Street, London, E.C.2.

INDUSTRIAL & TRADE FAIRS, LTD. (P.C.).—Capital £1,000. To carry on the business of organisers of trade or other exhibitions, fairs or entertainments, etc. Subscribers: Taylor S. G. Hunter, Ian C. Trafford, Earl of Drogreda, E. N. Adlington, Paul H. Baker and V. George Sherren. R.O.: Drury House, Russell Street, W.C.2. Directors to be appointed by the subscribers.

C. B. HOLLIDAY, LTD. (P.C.).—Capital £100. To acquire the business of a chemist carried on by Clifford B. Holliday, M.P.S., 21 West Street, Bridlington; to carry on the business of manufacturing and dispensing chemists and druggists, etc. Directors: Clifford B. Holliday, Joan M. Holliday and Harold Hartley. R.O.: 32 Quay Road, Bridlington. Solicitors: Austerfield, Hall & Co., 12 Wellington Road, Bridlington, Scarborough.

BUSINESS CHANGES

MISS BRIGID MURPHY, L.P.S.I., has opened a pharmacy at Milltown, co. Galway, Eire.

PAIGNTON CO-OPERATIVE SO-CIETY, LTD., have transferred their pharmacy department to 7 Victoria Street, Paignton, from Winner Street.

MR. DOUGLAS REEDS, B.Pharm., F.P.S., is opening a pharmacy at 219 Great Horton Road, Bradford, 7, on April 1.

AMINON LABORATORIES (distributors of Rutanin) have removed to 3 Summerhill Road, Clarkston, Glasgow (from Richmond, Surrey).

OVERSEAS VISIT

MR. PETER SCOTT (managing director, French & Scott, Ltd.) recently left for the United States and Canada. During his stay he will make various contacts with a view to marketing the company's products in North America.

IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY

MOVING the Ministry of Health supplementary estimates, on March 17, MR. DEREK WALKER-SMITH said they included £1,800,000 for the pharmaceutical services, £5 million for hospital revenue and £1,400,000 for grants to local health authorities. The estimated increase of £1,770,000 for the pharmaceutical service was based on the latest assumption of an out-turn of 216 million prescriptions instead of an estimate of 237 million but at an average cost of 5s. 10d. instead of an estimated average cost of just over 5s. 3d. The Vote of £7,428,720 represented an increase of 1.5 per cent, over the revised estimate of £477,87,365.

Expenditure on the pharmaceutical service was necessarily very unpredictable because, for example, of the effects of epidemics and of changes in prescribing practices due to the introduction of new drugs and the like. In addition the Asian 'flu epidemic had contributed in part to the increase.

Ever since the inception of the health service, the number of prescriptions in any given financial year had tended to fluctuate. The estimate for 1957-58 was based on a figure of 237 million prescriptions. It now seemed that the total number for this financial year would not exceed 216 million. But for the influenza epidemic, the number might not have exceeded 204 million. But the Government were well aware of the problems of the mounting drug bill, and much action had already been taken. In addition, the question was currently under the review of an independent, professional committee, under Sir Henry Hinchcliffe, and he hoped to receive an interim report from them fairly soon.

MR, A. BLENKINSOP (Newcastle-on-Tyne, East, Labour) said the price of drugs needed to be looked into thoroughly. Doctors needed to know far more about prices, even with the modest efforts of the Ministry of Health by *Prescribers' Notes* which were sent out. It was wrong that the Government should, in effect, pay twice over for the advertising of drugs. A considerable proportion of proprietary drugs originated in the United States. Included in the prices were heavy charges for patents and royalties which would not have to be paid if the drugs were produced in this country.

Doctors insisted on the right to prescribe whatever they thought necessary but experience showed that there was a great deal of expensive prescribing of, for example, certain antibiotics for minor conditions for which they were not necessary and which endangered their use for more proper purposes later on. Doctors should be helped to exercise proper judgment. Another question was whether it was necessary to have a more thorough check on new drugs coming on to the market before they were made available to the general practitioner for general use. VICE-ADMIRAL HUGHES HALLETT said that the Vote confronted Parliament with a problem which was becoming more acute in relation to priorities, whether

they were getting full value for the money spent on the health service.

MR. S. HASTINGS said he had no regret that more was being spent on drugs, assuming that it was being well spent, because the public would have medicines.

MR. READER HARRIS said a pharmacist friend had brought to his attention a proprietary drug, Terramycin, which was packed in a carton containing 100 tablets, costing £14 10s. That raised the question whether the Minister had any control over the drug firms in relation to the sizes of cartons which they used. In that case he had been told by the Parliamentary Secretary that the normal prescription would be of 20 tablets.

DR. D. JOHNSON suggested that the drugs firms might get together and devise some self-denying ordinance on advertising expenditure. The Minister might go into competition with them and do some advertising on his own account by drawing the attention of the doctors to the cheaper, simpler pharmacopeial preparations which were identical with the proprietary articles.

Mr. R. THOMPSON (Parliamentary Secretary) said they tried to encourage doctors to be economical and keep them cost-conscious. The prices of proprietary preparations which were not, in the view of the Cohen Committee, therapeutically superior to the standard preparations were now regulated by a voluntary price regulation which had been agreed for a trial period with the Association of British Pharmaceutical Industries. The latest figure for 1956 of the proportion of The latest preparations in that category was 91 per cent. The scheme had so far applied over nearly 70 per cent. of the total field, which covered 4,000 preparations produced by nearly 200 different manufacturers. Its application had so far resulted in 237 price reductions. They had no general power to control the marketing of a drug in relation to its efficacy or safety. But in their own interest manufacturers did not usually introduce a drug without preliminary tests and controls. So far as the National Health Service was concerned there was no authority under the Act to exclude a class of drugs from supply under the service.

The outstanding Votes were agreed

Counter Sale

MR. J. RANKIN asked the Minister of Health on March 17 if he was aware of the growing feeling in medical circles that Personnia should not be on free sale across the counter but only on the prescription of a registered medical practitioner.

MR. DEREK WALKER-SMITH (Minister of Health) said that he was aware of the publicity that had been given to that preparation and of its alleged abuse in certain cases. He was consulting with the Secretary of State for the Home Department as to whether a further reference to the Poisons Board of bromvaletone and carbromal, the principal ingredients concerned, would

be desirable in the light of such general information as was now available.

information as was now available.

SIR H. LINSTEAD said that that was one of a number of medicines of the same class which got a clean bill of health some years ago from the Poisons Board. Was it not desirable that they should not damn one particular drug without proper inquiry, particularly in relation to others which were precisely similar?

Tranquillisers

In an oral answer on March 17 Mr. DEREK WALKER-SMITH told Mr. A. BLENKINSOP that as tranquillisers did not fall into any definite therapeutic class of drugs there was no estimate available of the total cost to the National Health Service. The Poisons Board, however, was reviewing the general question of the necd for controlling the supply of drugs which might be harmful if taken in excess.

Receipts and the Cheques Act

In the House of Lords on March 18 LORD SALTOUN asked the Government if they were aware of the anxiety and annoyance inflicted upon every class of customer, and particularly upon women responsible for families, by the refusal of retail firms to discharge properly accounts paid by remittance on the ground that the Cheques Act excused them and makes a receipt unnecessary, and moved for papers. The Government, he said, should abandon the 2d. stamp on receipts, which brought in little revenue, and the normal trading practice would return and the customer would get a receipt for payment.

would get a receipt for payment.

VISCOUNT HAILSHAM (Lord President of the Council) said he had always maintained that all law reform in practice effected more harm than good. The Cheques Act was a valuable and harmless little Bill, but it had resulted in a certain amount of inconvenience. The only effect of abolishing the 2d. stamp tax would be to abolish the only obligation on a creditor who had been paid to afford any kind of receipt. From a business point of view the most convenient way of closing a transaction was by a receipted account which, if the amount was over £2, should have a 2d. stamp. He would urge traders to go back to the sensible practice which existed before the Cheques Act. Any trader who put the words "Cheques Act" on an account as an excuse for not giving a receipt was giving a quite irrelevant reason for causing his customers inconvenience.

Retail Price Maintenance

MR. G. DARLING, on March 18, asked the President of the Board of Trade whether he would re-examine the provisions for enforcing individual retail price maintenance in the Restrictive Trade Practices Act, 1956, as recommended by Lord Cohen's Council on Prices, Productivity and Incomes.

SIR D. ECCLES said that it was too soon after the passing of the Act to reopen that question.

BIRTH

CHALMERS.—At Dunfermline, Fife, on March 9, to Una, wife of David H. Chalmers, M.P.S., Willesden, Easter Aberdour, a daughter.

MARRIAGES

JOHNSON—ROSE.—At St. John's Church, Warley, Halifax, Yorks, on March 15, Paul Duncan Johnson, M.P.S., 12 Westborough Drive, Halifax, to Margaret Rose, Skircoat Green Road, Halifax.

BOGGAN—RUNCIMAN. — At St. Paul's Church, Dundee, Angus, on March 8, John C. Boggan, 41 Shaftesbury Road, Dundee, to Margaret S. Runciman, F.P.S., Tigh-an-Rathad, Inchture, Perths. The bride, who is chief pharmacist at King's Cross Hospital, Dundee, is a member of the Pharmaceutical Society's board of examiners.

DEATHS

BOWLEY. — Suddenly on February 22, Mr. F. W. Bowley (co-director, Hughes Brushes, Ltd.). Mr. Bowley joined Johnson & Johnson (Gt. Britain), Ltd. (an associated company) in 1940 as company secretary. In 1947 he was appointed a director of Messrs. Hughes Brushes and in 1948 to the board of Messrs. Johnson & Johnson.

A colleague writes: Mr. Bowley was held in high esteem in his profession and amongst his colleagues, and was well known for the sound wisdom and help which he always so generously gave.

GRIFFITHS. — On March 3, Mr. Thomas William Griffiths, Arosa, Roluenden Road, Tenterden, Kentaged sixty-one. Mr. Griffiths qualified as a chemist and druggist in 1922.

HENCHLEY. — On March 4, Mr. Ernest Henchley, M.P.S., West Wedge, Esplanade, Folkestone, Kent, aged eighty-two. Mr. Henchley qualified in 1902.

LEESON.—On March 8, Mr. W. J. Leeson, aged forty-two. Mr. Leeson was the Scottish representative of Johnsons of Hendon, Ltd., joining that company six years ago. He started his photographic career with Kodak, Ltd., after war service as a battle cameraman with the army film unit, during which he was severely wounded.

MERVILL. — On March 2, Mrs. Dorothy Alice Mervill, M.P.S., 28 Bolton Gardens, Teddington, Middlesex. Mrs. Mervill qualified in 1925.

O'SHEE. — Suddenly on March 14, Mr. T. J. O'Shee, Gatehouse, Budleway, Spouthill, Addington, Surrey. Mr. O'Shee was governing director of Kathleen Court (England), Ltd., and of Sun Island Chemicals, Ltd.

SIM. — On March 13, Mr. Josuah Edwin Moffet Sim, 95 Queens Road, Monkseaton. Mr. Sim, a director of Hall, Forster & Co., Ltd., until his retirement in 1951, joined the company in 1913 and represented the company in Cumberland, Northumberland and Durham.

STEEDMAN. — On March 15, Mr. William Steedman, M.P.S., 26 Green-

bank Loan, Edinburgh. 10. Mr. Steedman, who had been in business for a number of years in the city, retired some time ago. He qualified in 1904.

SWANSTON.—On February 24, Dr. William Ewart Swanston, M.P.S., M.R.C.S., L.R.C.P., 572 Caledonian Road, London, N.7, aged sixty-eight. Dr. Swanston qualified as a pharmaceutical chemist in 1914 and was in business in Hornsey Road, N.7, from 1920 to 1939, during which period he served as secretary and president of the North London Pharmaceutical Association. He was also secretary of the Walthamstow Pharmaceutical Association for two years, In 1939 Dr. Swanston took over the practice at 572 Caledonian Road, where he practised until his death.

TERRY.—On March 11, Mr. John Smithson Terry, M.P.S., aged seventynine. Before retiring about ten years ago Mr. Terry was in business at Victoria Road, Farnborough, Hants.

PERSONALITIES

MR. D. L. SPARSHOTT (chief pharmacist, Boots Pure Drug Co., Ltd.) has been appointed to the Poisons Board.

MR. T. W. MISSON, M.P.S., 30 Dudley Road, Harrow, Middlesex, who won the 1957 International 100-kilometre road walk from Lugano, Switzerland, to Lecco, Italy, is a member of the sterile products department, Parke, Davis & Co., Ltd., Hounslow, Middlesex. Mr. Misson covered the distance of 62½ miles in 9 hrs. 40 mins. 3 secs.

MR. EDWARD J. CROSSIN, M.P.S.N.I., won first place in the baritone solo competition at Belfast Musical Festival recently entitling him to sing in a competition for the rose bowl. Mr. Crossin, who is engaged in pharmacy in his father's business in Donegall Street, Belfast, is keenly interested in the Grand Opera Society of Northern Ireland, and is participating in a forthcoming production.

MR. DAVID GRAHAM HINDS, M.P.S., 4 Keswick Gardens, Ruislip, Middlesex, on March 13 won the first heat of the second series of the B.B.C. television feature "Get Ahead," organised by the News Chronicle. Collecting £70, Mr. Hinds refused a further £100 so that he may go on to try the prize of £5,000. Before the 1939-45 war Mr. Hinds was in retail pharmacy with Taylors (Cash Chemists), London, Ltd., at Brompton Road, London, S.W.3, and Harrow, Middlesex. He joined the Forces in 1942 and in 1944, as an army radar mechanic, met with an accident which has left him paralysed from the waist. Since 1947 he has been a proof-reader for a large com-pany of manufacturing chemists and in his spare time has been making lenses and mirrors. It is that connection which Mr. Hinds wishes to develop. He told the judges in the television programme that he plans to start a factory for making optical surfaces to be used in astronomy and industry. Of him, Lady Lewisham (one of the judges) said: "He seems dedicated to what he is doing. He has overcome a great many difficulties in his life, and has great courage and determination.

TRADE NOTES

Closing for Stocktaking.—J. H. Haywood, Ltd., Warser Gate, Nottingham, will be closed for stocktaking on Saturday, March 29.

Change of Name. — Glaxo Laboratories, Ltd., Greenford, Middlesex, announce that penicillin-V oral liquid, Glaxo, is now known as Crystapen V liquid. The formula of the preparation is unchanged.

A 20-mil Pack. — Genatosan, Ltd., Loughborough, Leics, are marketing a 20-mil pack of Genacort hydrocortisone lotion, 0.25 per cent. Where the quantity indicated for the patient is small, the new size materially reduces the cost of hydrocortisone therapy. Literature is available.

Released From Control. — The distribution of corticotrophin is being freed from Ministry of Health control on April 1, and the Armour Laboratories (Armour & Co., Ltd.), Hampden Park, Eastbourne, Sussex, announce that Acthar and HP Acthar gel will be available on that date to meet all hospital requirements only.

Tax-free.—Pfizer, Ltd., 137 Sandgate Road, Folkestone, announce that Deltalgycortril tablets are now exempt from purchase tax. The new reduced price takes effect on March 31. Since purchase-tax exemption has necessitated a slight modification of the label, all unbroken packs should be returned for credit and replacement.

Repacked.—Southalls (Birmingham), Ltd., Charford Mills, Saltley, Birmingham, 8, are now marketing, in a new blue and white pack, their Sanbelt sanitary belts (with pins or with hooks) marked with the size and with the waist measurement in inches. The belt with hooks, and the wide luxury belt, are now in soft white elastic; the belt with pins and the adjustable belt are in pink elastic.

Basis of Pricing.—The Ministry of Health has been informed that Equanil tablets (manufacturers: John Wyeth & Bro., Ltd., Clifton House, Euston Road, London, N.W.1) are now being supplied as "Equanil" for the 400-mgm. strength and "Equanil H.S." for the 200-mgm. strength. Prescriptions for Equanil without qualification are being priced on the assumption that 400-mgm. tablets have been dispensed.

Bonus Offers

Sponcel, Ltd., 40 Chancery Lane. London, W.C.2. Celto viscose sponge. $2\frac{1}{2}$ per cent. on 2 doz.; 5 per cent. on 1 gross; $7\frac{1}{2}$ per cent. on 3 gross.

SMITH & NEPHEW, LTD., Welwyn Garden City, Herts, Elastoplast, 5 per cent. on £20 order if it includes special parcel of assorted first-aid dressings value £9 10s. 6d.; 2½ per cent. on £10 order if it includes special parcel of assorted first-aid dressings value £5 8s.

BOWATER-SCOTT CORPORATION, LTD., Stratton Street, London, W.1. All products of the company (except case of 36 x 1s. Scotties). 10 per cent. on 15–19 cases; 12½ per cent. on twenty cases and over. From April 1. Previous discounts on quantities up to fourteen cases unchanged.

NEW PRODUCTS AND PACKS

Cream Powder in New Shade.—Coty (England), Ltd., 3 Stratford Place, London, W.1, have produced a new spring shade — New Dawn — of Coty cream powder. It is "a warm skin tone with subtle underlying rose tint."

Concentrated Food Supplement.— Dendron Distributors, Ltd., 94 Rick-mansworth Road, Watford, Herts, are marketing a new concentrated food supplement, Wate-on, "for thin, underweight men, women and children," Wate-on is a liquid preparation issued in bottle of one size.

Continuous-action Sprayer. — The Secto continuous action sprayer, newly introduced by Cupal, Ltd., Blackburn, has a new type of liquid container incorporating an improved plate finish to

help prevent rusting and a higher rim to catch drips when the liquid is being poured out.

Secto continuous-action sprayer (Cupal, Ltd., Blackburn),

Double Shampoo. — B. N. Furman (Productions), Ltd., 133 Fonthill Road, London, N.4, are marketing double shampoo sachets of Pride beer, champagne and medicated shampoos. Each sachet provides sufficient for two complete shampoos, in a smart and colourful pack.

Colloidal Skin Lotion. — Burn Watson, Ltd., Navigation Road, Altrincham, Ches, draw attention to their speciality SD2, which is described as "the latest and most effective treatment for affections of the skin." SD2 is a concentrated colloidal preparation, non-toxic and non-staining yet claimed antiseptic and productive of rapid healing.

Viscose Sponge.—The Viscose sponge division of Sponcel, Ltd., 40 Chancery Lane, London, W.C.2, has introduced a new cellulose sponge, the Celto. made from viscose. The sponge, which measures approximately $6\frac{1}{8} \times 4\frac{1}{4} \times \frac{7}{8}$ in., is yellow, and is packed in a transparent film wrapper lettered in dark blue. Two doz. units go to a display outer.

Diabetic Biscuits. — A. Wander, Ltd., 42 Upper Grosvenor Street, London, W.1, are marketing a new speciality diabetic biscuits, prepared in consultation with the British Diabetic Association. The biscuits are sugar-free, low in carbohydrate content and a rich source of extra dietary vitamin B. They are put forward as suitable for persons on slimming diets as well as for diabetics.

Bottles in Amber Glass. — Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool, 1, have added tablet bottles in amber glass (at the same price as plain glass) to the range of containers issued by them in bottle parcels. Each "A" parcel contains 5 gross of plain or amber glass tablet bottles in three sizes, and each "C" parcel 5½ gross plain or amber glass tablet bottles in four sizes.

Tablets for Peptic Ulcer. — John Wyeth & Brother, Ltd., Clifton House, Euston Road, London, N.W.1, announce the introduction of a new "intra-gastric drip" suckable tablet preparation for the treatment of hyperchlorhydria and peptic ulcer. The tablet, Aludrox co., is a combination of dried aluminium hydroxide gel, B.P.C., and light magnesium carbonate, B.P., in an inert base incorporating flavouring and saliva-stimulating agents. The tablets are packed in transparent tissue strips of eight tablets for carrying in pocket or handbag, and may be taken without water and with a minimum of fuss. Placed under the tongue, or slowly sucked, they release a stream of antacid juice to the stomach for the neutralisation of excess free acid between meals.

A Strength for Children.—Reckitt &

A Strength for Children.—Reckitt & Sons, Ltd., are marketing Disprin "in junior form" for children. The tablets are packed in four foils of four tablets



cach, encased in aluminium foil for additional protection and safety.

Oatmeal Beauty Pack. — Rimmel, Ltd., 146 New Bond Street, London. W.1, have added to their Rimmel oatmeal beauty series a pack contained in a polyvinyl-chloride twin sachet containing sufficient for two complete neck and face treatments. The pack contains ingredients that ensure that it does not dry hard on the skin; it may be included in the Rimmel "beauty-on-a-budget" counter "dispenser."

Haemorrhoidal Ointment and Suppositories.—Pharmethicals (London), Ltd., 20 Gerrard Street, London, W.l., announce that two new "ethical" preparations have recently become available: Scheriproct ointment and Scheriproct suppositories. Both products combine the anti-inflammatory effect of prednisolone with the antibacterial action of hexachlorophen and the anaesthetic properties of cinchocaine and menthol. Scheriproct preparations are controlled by the Therapeutic Sub-

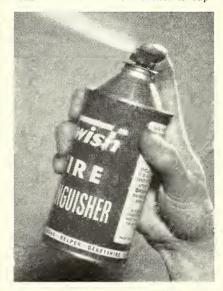
stances Act (supply without prescription not permitted).

Baby Products Range. — Southalls (Birmingham), Ltd., Charford Mills, Saltley, Birmingham, 8, are marketing a new range of baby products which includes baby powder, baby soap and baby pants linked by a common design and presentation.

Round-the-clock Skin Series. — Crystal Products, Ltd., Hook Rise, Kingston By-pass, Surbiton, Surrey, are marketing a new Outdoor Girl series of products for "round-the-clock" skin care. The series comprises a day-and-night cream, a night cream ("for skins starved of oil"), a creamy cleansing milk and an astringent skin tonic. Each is issued in a non-spill plastic squeeze bottle.

A New Ingredient for Anti-perspirants. — Available from Albright & Wilson (Mfg.), Ltd., 1 Knightsbridge Green, London, S.W.1, sodium aluminium chlorhydroxy lactate, developed from the widely used aluminium chlorhydrate, enables cosmetic manufacturers to formulate antiperspirants without the disadvantage of having to incorporate buffers. The compound, being compatible with sodium stearate, enables easy formulation of cosmetic preparations such as Cologne sticks.

Fire-extinguisher Aerosol. — Deb Chemical Proprietaries, Ltd., Forfar Chemical Works, Belper, Derbys, are marketing a new aerosol product: Gwish fire extinguisher. The aerosol has an effective fire fighting range of 6 ft. and the contents of the canister are enough for ten minutes' continuous use. The extinguishing chemical is contained under pressure in a light-weight canister, and finger touch releases a powerful spray. Gwish is not intended to deal with advanced outbreaks of fire. but fills the need for a light, inexpensive extinguisher that can be called into play instantly to deal with small domestic fires. A wall bracket is sup-



plied to facilitate the installation of the extinguisher at strategic points in a house, shop or factory.

MANUFACTURERS' ACTIVITIES

New Factory.—Morny Ltd., 22 Wadsworth Road, Perivale, Middlesex, have acquired the factory formerly occupied by the Southern Cork Company at 24 Wadsworth Road. Extensive alterations and decorations are being carried out and when completed the new factory will be equipped to meet the increasing demand for their products in both the home and overseas markets.

Students' Visit. — A party of thirty-five students together with members of teaching staff from the pharmacy department, Liverpool College of Technology, paid a visit to the laboratories of Thomas Kerfoot & Co., Ltd., Vale of Bardsley, Ashton-under-Lyne, Lancs. on March 5. After an extensive tour of the various production departments the visitors were entertained to tea at the canteen.

Previewing Displays.—The Londonarea representatives of Vick International, Ltd., 10 New Burlington Street, London, W.1, are illustrating to chemists the effectiveness of the company's merchandising and display packs by the use of Argus colour slide previewers. Among the slides is one that shows there is room in the smallest of shops for Vick displays and another that illustrates how in the larger stores Vick units may be used to advantage.

New Look. — The Scottish regional headquarters of Philips Electrical, Ltd., 26 Bothwell Street, Glasgow, have been modernised and restyled. The area well has been filled in, the pavement raised to main-entrance level, and the original timber-framed arched windows replaced by bronze-framed rectangular windows of the open-back type. The building has been faced with Aberdeen granite. In the public showroom wall panels dis-play a selection from the company's lamp ranges, and murals illustrate medical and industrial x-ray apparatus. Features include an illuminated electricallyheated blanket showpiece, and facilities for demonstrating and testing Philishave dry shavers. On the lower ground floor is a hearing-aid centre.

Study Mission, - A Burmese industrial study mission which arrived in Britain on March 11 visited the establishments of Evans Medical Supplies, Ltd., Speke, Liverpool, on March 17. The Mission was led by Bho Khin Maung (Burmese Minister of Industries) who was accompanied by three other important Government officials. After the tour of the factory, the party were entertained to tea by the directors of the company, and had an opportunity of meeting several Burmese students undergoing training in pharmacy in Messrs. Evans's works and at the School of Pharmacy, Liverpool College of Technology. Those students will ultimately return to Burma and join the staff of the Burma pharmaceutical industry in Rangoon. In 1953 the company secured a contract to build the industry, which is now in full production, and it is expected that the official opening ceremony will be per-formed by the President of Burma in

N.P.U. SOUTH-WEST AREA MEETING

(Concluded from The Chemist and Druggist, March 15, p. 283)

IN a review of current matters affecting the Chemists Federation, Mr. R. H. KEMP (secretary of the Federation) made reference to its having been called to appear before the Restrictive Practices Court. The information was that the Federation was to be one of the first five organisations to appear, and that the court would have its first sitting immediately after Easter. The Federation's preparatory work had been onerous, but a case had been lodged. It was based on the qualification, training and experience of the pharmacist, relating them to the history of the Pharmacy Acts. The procedure was involving a heavy cost to the Federation, and an appeal had gone out for contributions. Although substantial sums had been received from individual chemists and from manufacturers, more money was still needed

The sole resolution in this section of the agenda was one put by Exeter Branch asking for earlier notice of C.F. window displays. The resolution was withdrawn after it had been pointed out that no nationally advertised C.F. displays were being arranged, such efforts being now on a local basis.

Contractors' Remuneration

The final heading on the agenda was "N.H.S. Matters," and the introductory statement was given by Mr. J. (deputy secretary of the N.P.U.). Mr. Wright reviewed the state of negotiations with the Ministry of Health on the remuneration of contractors. One matter about which the Ministry was not satisfied at present, he said, was the time taken to carry out various dispensing operations, and a scheme for sampling" was being operated. Queen Square they were convinced that many chemists filling up earlier forms had under-estimated the time involved in dispensing operations, having often confined their figures to actual time spent at the bench. It was hoped to substitute for repeated investigations a method by which a running record could be kept of changes in contractors' costs. New factors, said Mr. Wright, were leading to a claim being made for a "modest" increase in the container allowance, and a revision was being worked out of the list of suitable drugs for testing under the drug testing scheme. A new offensive was being embarked upon to persuade doctors to give all necessary information on prescriptions.

MR. J. D. PETERKIN, Swindon, asked if there was a possibility of rota-service payments being reviewed. MR. WRIGHT'S reply was that a review was possible but inadvisable.

MR. R. W. WAKEFORD, Cornwall, who put a question on the dispensing costs inquiry, was told by MR. WRIGHT that a part of any increase that might be secured would be back-dated to December 1, 1956

ember 1, 1956.

MR. J. W. Sill, West Dorset, moved on behalf of his branch a resolution expressing the opinion that the Executive should press "with the utmost vigour" for full pricing of N.H.S. prescriptions. To meet representations from the platform, the words "continue to" were in-

serted before the word "press" in the resolution, which was then carried.

The motion, already referred to, call-

The motion, already referred to, calling for the insertion on the front of EC10 forms of a notification to patients to bring a suitable bottle when presenting a prescription to be dispensed, was lost after MR. WRIGHT had pointed out that there were objections to it (such as doubt where lay the property in the container at various stages of the transaction between patient and chemist).

Also from Cornwall came the resolution calling for detachable labels to be put on proprietary medicines dispensed under the National Health Service, a reform which MR. SPAANDERMAN pointed out from the platform was already well on the way to being carried out, following the establishment of a committee as the result of a resolution passed at a Branch Representatives' meeting of the Pharmaceutical Society.

Members were readily convinced by MR. WRIGHT that there was a valid objection to sending to each chemist contractor, on the occasion of a test prescription, a copy of the analyst's report. To do so, Mr. Wright pointed out, would have an adverse effect on the discretional powers given to service committees in borderline cases.

A certain misconception as to the relative powers of manufacturers of surgical hosiery and trusses and of pharmaceutical contractors to advertise to the public was shown to reside in a Cornwall Branch resolution on that subject. From the platform it was pointed out that, so far as the Act was concerned, the individual contractor was in the same position as the manufacturer. If there were abuses by manufacturers they could be dealt with under the Act, and that was a better method than trying to secure a free-for-all in the advertising of appliances.

The last resolution on the agenda aimed at securing a promise of full pricing of prescriptions, and pressed for a date on which it would take effect. The argument put by its proposer (Mr. H. Jarvis Graves, Exmouth) was that, if it were true that the method of averaging ensured for each contractor an eventual balance between "the swings and the roundabouts," then to take out an occasional three months' prescriptions for full pricing must upset that balance and could result in injustice. The resolution was withdrawn after Mr. Wright had pointed out that it would not help the case for full pricing.

Social Activities

On the evening before the meeting an informal dinner had as principal guest the mayor and mayoress of Weston-Super-Mare. The mayor later responded to a toast to the borough. proposed by Mr. Spaanderman, and Miss E. M. Evans, Weymouth, was the responder to the toast of the ladies and guests. Among the guests was a United States pharmacist, Mrs. V. H. Burk, Carmel, California, who responded to a similar toast at luncheon on Sunday, and at the Sunday afternoon session there was present a New Zealand pharmacist, Mr. Harrison.



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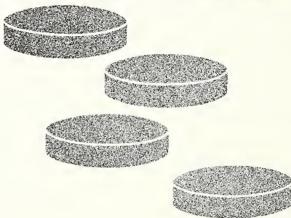
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Distorted Vistas

A "Panorama" programme on B.B.C. television on March 18 posed as judge, advocate and counsel in a so-called investigation into the cost of prescriptions under the National Health Service. It purported to be a documentary-style series of interviews with a number of persons speaking either as individuals or as representatives of groups directly concerned with the service. Unhappily the summing-up of the interviewer was by no means a dispassionate attempt to summarise the viewpoints of the other speakers-admittedly various and not readily susceptible to the process of extracting a common measure of agreement—but was put forward dogmatically and without any suggestion that his own opinions might not be universally shared. "Something must be done," said Mr Woodrow Wyatt (in his 45 per cent. of the total number of words spoken), "to cut down the appalling waste of money on drugs" which, he declared (without substantiating the figures) were costing about £50 millions a year more than necessary. The impression on an informed hearer was inevitable that the producers of the programme, and those responsible for the research and interviews, were guilty of that worst of crimes in a free-speech country-inaccurate reporting. What makes that conclusion the more regrettable is the acknowledged success of the B.B.C. in maintaining high standards of reporting and comment in other spheres.

No complaint is made of the statements of the persons interviewed. Each was giving his sincerely held opinions, and if they did not reconcile with one another that was only to be expected from persons so widely different as Dr. Edith Summerskill, a general practitioner, a psychiatrist who had investigated the effects of a number of tranquillising drugs on mental patients, the managing director of a British subsidiary of an American manufacturer, and the president of the Association of British Pharmaceutical Industry.

Dr. Summerskill maintained that British National Formulary equivalents to proprietary drugs would reduce costs, and the unnamed general practitioner, who was alleged to have been guilty of overprescribing, defended himself quite properly by claiming that the more expensive preparations he had prescribed had reduced the terms of sickness of his patients and had gained for the country a reduction in work-hours lost. The tranquilliser investigator's finding had been that the drugs he had examined were not better than a useless control tablet yet many times the cost of a simple barbiturate. As the findings have been published in the

medical Press prescribers can make their own evaluations of the validity of the statements.

Questions relating to high-pressure salesmanship were put in the other interviews and the inference seemed to be that all manufacturers employed "failed" medical students who know medical jargon and are also ruthless salesmen—certainly a caricature of the actual situation. Doctors were depicted as over-worked, gullible, readily blackmailed by patients and reluctant to take any action that might reduce their capitation fees.

No mention was made of the Cohen Committee and its examinations of proprietary medicines. The points made by Dr. T. H. Manners Kerfoot, as president of the A.B.P.I., that the industry exports £-for-£ the value of its domestic sales to the N.H.S. pharmaceutical service, that those employees of the manufacturers who call on doctors are technical representatives rather than salesmen, and that for every prescriber who complains he gets too much manufacturers' literature seven welcome it, were all ignored in the "summing up." No credit at all was given to the industry for its virile expansion against foreign competition, and in fact the two spokesmen for the industry had between them a total of two minutes of the fifteen-minute broadcast. No chemist-contractor was called.

We trust that every effort will be made by the industry to secure an opportunity to present this important subject in truer perspective.

A New U.S. Move Against Price-cutting

AMERICAN independent retailers (druggists prominent among them) have made a promising step forward in a campaign to bring about a change in the law so as to secure effective resale price maintenance within an important class of goods. To promote a Bill may be a long way from seeing it on the Statute Book, but what they have done, with the help of two eminent lawyers, is to formulate not only principles that should govern the relationships and safeguard the interests of maker, distributor and retailer of and customer for branded goods, but also an approach that should appeal to the electorate as fair, constitutional and desirable. In its preamble the Bill sets out its purpose as being to recognise the legitimate interest of the manufacturer or wholesaler who "identifies" merchandise manufactured or distributed by him to stimulate demand for his goods "through effective distribution to ultimate consumers"; to afford the small maker or wholesaler opportunity to compete with the large manufacturer "who can afford to control the distribution of his merchandise through his employees and consignees"; and to afford the small retailer a similar opportunity to compete with the large. To give effect to those ends the Bill on the one hand "deems" that the manufacturer retains a proprietary interest in his merchandise after it has passed out of his hands into the hands of retailers (by reason of his interest in stimulating demand for it) and permits him to fix a price "adequate to enlist the active efforts of distributors" at all stages and "low enough to compete effectively with other goods," and on the other hand prevents him from entering into any price arrangements with manufacturers or distributors of other goods "adopted to serve the same needs of ultimate consumers." The progress of the Bill will be watched with interest on this side of the Atlantic.

A Brush-up for Dental Hygiene

"Familiar old half-truths" repeated "in an even more flamboyant manner" as a result of the new lease of life brought to the advertisers of tooth-paste by independent television: that is the picture drawn by a commentator in the March issue of the *Practitioner*. There was not, that paper commented, a shred of evidence that the increasing use of those "much vaunted tooth-pastes" was having any effect upon the incidence of dental disease: British industry was losing 500,000 working hours annually through tooth-ache. At the annual meeting of the British Dental Association the major conclusion of a review of the claims of "therapeutic" dentifrices was that "a close examination of the research work which has been reported did not reveal a dentifrice that will prevent dental disease." There was even,

it found, evidence to support the suggestion that removing the protective layer of the tooth surface with abrasives and detergents actually increased the susceptibility of those surfaces to acid attack. Basically all tooth-pastes contain the same ingredients: soap or detergent, a mild abrasive, flavouring, glycerin, water and a binder: to that extent, it is implied, they are all alike—and all inadequate. What matters is the use of tooth-brush: a good one and water effectively clean all mouths.

But tooth-brushes are also advertised on television, and the sales of them are low for a country considered to be among the most highly civilised in the world, though not with the best record of dental health. What is the answer? Perhaps chemists, from whom the trade in tooth-pastes has been drifting in the direction of super-markets and self-service stores, should do something to increase the sales of tooth-brushes.

Onward from Galen

A CURRENT CAUSERIE

No one can complain that the Pharmaceutical Society has been remiss in the matter of showing the flag in various parts of the world. Representatives have travelled far and wide in the interests of goodwill, and over the past few months visits have been made by members of Council and officials to the United States of America, Australia, Ghana, Jugo-Slavia and Israel, to name some that come to mind. At its March meeting the Council approved a recommendation that the president, Professor W. H. Linnell and Mr. F. W. Adams should be asked to attend a meeting in Nigeria, while seven members were appointed to attend a General Assembly of the International Pharmaceutical Federation in Brussels in September. Such journeyings must take up a good deal of time, and many pharmacists will be thankful that they are not required to undergo the discomfort of travel and long absence from home that they involve. The thought of such sacrifice may reconcile the rank and file pharmacist to his lot of wrestling with EC10's.



DOESN'T IT MAKE YOU WILD?

THE centenary occurred on March 16 of the death of one of two German brothers, each of whom achieved fame as a botanist and one of whom became a professor of pharmacy. Christian Gottfried Nees von Esenbeck, the elder of the two, was born on February 14, 1776, and studied medicine and spent two years in general practice. Thereafter he devoted himself to the pursuit of natural science on his estate of Sickershausen until, having lost his fortune in the Napoleonic war, he accepted the chair of botany and the directorship of the botanical gardens at Erlangen in 1817. Subsequently he held similar positions at Bonn and Breslau. In 1848 he moved to Berlin, but became involved in politics, was deprived of his post in 1852, and died in poverty in Breslau. His publications include Handbuch der Botanik, Das System der Pilze und Schwämme, and De Cinnamomo disputatio. His youngest brother, Theodor Friedrich Ludwig Nees von Esenbeck, was considerably his junior. He started his career as an apothecary at Erlangen, and graduated Dr. phil. in 1818, and in 1819 was appointed inspector of the botanical gardens at Bonn, as well as a teacher of pharmaceutical botany in the university. In 1822 he became extraordinarius, and five years later ordinarius, of pharmacy and director of the university's new pharmaceutical laboratory.

NEW FILMS

Breast Feeding

STANLEY SCHOFIELD PRODUCTIONS, LTD., 6 Old Bond Street, London, W.1. 16-mm. Colour. Sound. Running time: 25 minutes. For purchase at £45 per copy. For hire at terms to be announced.

INTENDED for audiences of nurses, midwives, mothers attending post- and ante-natal clinics, women's institutes, etc., this film deals with the subject from almost every angle. It was made at the British Hospital for Mothers and Babies, Woolwich, and is a tribute to the memory of Dr. Harold K. Waller, who devoted a lifetime to the study of breast feeding at that hospital.

An Introduction to the Study of Child Health

STANLEY SCHOFIELD PRODUCTIONS, LTD., for *Cow & Gate*, *Ltd.*, Guildford, Surrey. 16-mm. Colour. Sound. Running time: 20 minutes.

INTENDED for showing university students, second-year medical students, nursing colleges, etc., the film shows the training of students in maternity and children's hospitals. Almost every branch of child health is pictorially introduced and the film concludes with scenes at the graduation-day ceremony. Technical direction of the film was in the hands of Professor F. M. B. Allen, who holds the Nuffield Professorship of Child Health at Queen's University, Belfast.

TOPICAL NOTES FOR THE AGRICULTURAL CHEMIST

WEED CONTROL CHEMICALS

STOCKMAN

LTHOUGH most rural chemists seem to consider the sphere of chemical weed killers too specialised for them, half the corn merchants and implement dealers have no such inhibitions and in consequence enjoy an expanding turnover in that considerable market. The chemist often has only tradition to thank for the retention of a quota of business in connection with the non-selective herbicides, but there, too, changes are coming and it is important to keep pace with the new developments.

Non-selective Herbicides

Sodium chloride is reputed to be the oldest weed-killer, having been employed by the Romans 2.000 years ago: it is still seen disfiguring farm drives, for the application rate is so heavy that in dry weather it looks like snow on the ground. Arsenic is another well-established herbicide, but its obvious dangers restrict its use, particularly on the farm. It readily kills annuals but may do little more than defoliate some of the perennial creeping weeds such as bindweed and couch grass. It is sold usually as a solution of sodium arsenite containing about 50 per cent. As₂O₃ equivalent, and 1 gall. is sufficient to treat about 400 sq. yd.

Sodium chlorate is probably the most widely used nonselective herbicide, being non-poisonous and easy to apply either in the dry state or in solution. The normal application rate is 1 lb. per 20 sq. yd. but up to twice the concentration may be required, depending on the weed, its stage of growth and the density of the herbage. The persistence is about six months, again depending on various factors such as rainfall, drainage, etc. Being inflammable, its chief hazard occurs when it is used in stack-yards or when any organic material such as wood or sacking becomes wetted by the solution. That danger should always be brought to the attention of purchasers and, if preferred, one of the commercial formulations containing a fire depressant may be supplied instead; Atlacide (containing ammonium chloride) and Polybor chlorate (containing 80 per cent. borax) are examples of such formulations.

Borax, a herbicide in its own right, is more persistent than sodium chlorate, but relatively heavy application rates are required; on that account it is usually mixed with other weed-killers such as monuron or sodium chlorate. Polybor chlorate is used at the rate of about 1 lb. per 5–10 sq. yd.

It would indeed be surprising if the modern chemical industry could not find something more phytotoxic than those conventional materials. There are, in fact, two new useful agents available, both almost insoluble and therefore not readily leached from the soil. First there is the United States discovery CMU, alias monuron or N-(4-chlorophenyl)-N'N'-dimethylurea, made by E. I. du Pont de Nemours & Co. and sold under the trade name Karmex W (containing 80 per cent. CMU), in this country by Fisons Pest Control, Ltd., Monuron is not only insoluble but almost inert, non-poisonous (to man and animals) non-corrosive and non-inflammable. At an application rate of 1 lb. per 160 sq. yd. it kills all but deeply rooted weeds and sterilises the soil for up to two years, though the cost (per sq. yd.) is about three times that of sodium chlorate (and the profit margin pathetic). There are other substituted ureas in various stages of investigation and development, but no other is yet marketed in the United Kingdom.

Chemically different but rather similar in action to Monuron is a still newer herbicide, Simazin, otherwise known as Geigy weed-killer, 2-chloro-4, 6-bis(ethylamino)-triazine or chloraminotriazine. The commercial product contains 50 per cent. of the active material and is in the form of a wettable powder; it is non-toxic to animals, non-inflam-

mable, non-corrosive, persistent in the soil and costs about half as much as monuron on the basis of area treated. It is used at the rate of about 1 lb. per 500 sq. yd., at which concentration the persistence is twelve to eighteen months.

The simple recommended application rates for those herbicides conceals the fact that the response by plants varies considerably according to the species: non-selective weed-killers are therefore selective at certain concentrations. The following table illustrates the considerable differences in toxicity between the chemicals:—

	Borax	Sodium chlorate	Mon- uron (80 per cent.)	Simazin (50 per cent.)
	(cwt.)	(cwt.)	(lb.)	(lb.)
Normal application rate	20	21/2	30	.10
Couchgrass (Agropyrens				
repens)	40	2	30	
Scarlet pimpernel				
(Anagallis arvensis)	1	_	5	4
Creeping thistle				
(Cirsium arvense)	30	3	40	20
Field bindweed				
(Convulvulus arvensis)	50	$2\frac{1}{2}$	40	10
Horsetail (Equisetum spp.)	40		60	8
Meadow grass (Poa annua)	1	1	3	10
Groundsel (Senecio vulgaris)	_	1/2 1/4	10	8
Speedwells (Veronica spp.)	1	4	15	4

The figures show the amounts (borax and sodium chlorate in cwt.; simazin and monuron in lb.) per acre required to give good control of the weeds mentioned, and the quantities compare unfavourably with the 1–2 lb. of MCPA required for the wide range of "hormone-susceptible" weeds. Since borax, monuron and Simazin have to be absorbed through the roots, their action is slower than the defoliants sodium chlorate and arsenic. The insoluble agents Monuron and Simazin are, of course, slow in reaching the deeply rooted plants, and hence are best applied in the early spring, at the start of growth.

New Corn Sprays

MCPA is such an excellent weed-killer for corn crops that the high-pressure search for new herbicides has been directed mainly at MCPA's blind spots: the weeds that do not respond, in particular cleavers (Galium aparine), chickweed (Stellaria media), the speedwells (Veronica spp.) and mayweeds (Anthemis cotula and Matricaria spp.). Despite the intense search, the herbicidal properties of sodium monochloroacetate (SMCA) were, as in the case of MCPA and MCPB, more or less accidental discoveries. During an investigation of the substance as a defoliant to aid clover-seed harvesting, drift from SMCA was found to have killed mustard in an adjoining field of kale so, surrounded by an impenetrable screen of secrecy, it was next tried on corn crops and on a variety of weeds. The results proving reasonably satisfactory, the next stage was quietly to corner the market in the chemical and find a fancy name, and thus

was born last year's wonder Monoxone, Cleavex or HSS 777. Its timing was singularly unfortunate, otherwise its troubles might have been considered teething ones, to be

overcome with a little more experience.

For, in the same season, there was introduced MCPP (also known as CMPP) where the last P represents propionic acid in place of the almost traditional acetic acid. MCPP controls almost all the weeds killed by MCPA plus the two resistant and troublesome weeds cleavers and chickweed, making it a useful herbicide that would largely replace DNOC and also MCPA if the price could be brought down substantially. The fact that there are two isomers, one of which is inactive, may partly explain why it has taken fifteen years to stick that extra carbon in the side chain; but the amende honorable has now been made for the years of neglect, and the leading manufacturers now allwith one notable exception—extol the virtues of MCPP and are busy trying to sell it. That makes the outlook for monochloroacetic acid somewhat unfavourable, for it has a much narrower susceptible weed spectrum and is a killer by contact as opposed to the growth-regulating action of the "hormone" herbicides. It therefore requires better weather conditions and is more at the mercy of good spray-

It may be that the fate of SMCA shortly awaits its successor, for a mixture of trichlorbenzoic acid (TCB) and MCPA, marketed as Fisons 18-15, is claimed to control all the weeds susceptible to MCPA, plus cleavers and chickweed (as will MCPP) and additionally redshank and mayweeds. Both the latter are severely checked if sprayed with MCPA at the young seedling stage, so presumably 18-15 is effective at a later stage, for it is not usually possible to control mayweed with MCPA without risking damage to the crop. Another advantage of the TBA mixture is that it requires 10 gall. of water per acre, whereas MCPP (and SMCA) need a minimum of 20 gall. Furthermore it is applied at a younger stage of crop and weed growth, and it is recognised that early weed suppression gives better crop yields than does later weed control.

- 1. 2,3,6-trichlorobenzoic acid, 2,3,6-TBA, TCB.
- 2-methyl-4-chlorophenoxyacetic acid, MCPA. 2-methyl-4-chloropropionic acid, MCPP, CMPP.
- 2-methyl-4-chlorophenoxybutyric acid, MCPB.
- 2,4-dichlorophenoxybutyric acid, 2,4-DB.

In the progression from MCPA to MCPP and to TCB/ MCPA, two trends may be observed: the range of weeds controlled is extended, but the effectiveness of the control is lessened. Thus, while MCPA gives a rapid kill of many weeds, MCPP (like MCPB) is slow-acting, and TCB/MCPA halts the growth of the affected plant and prevents flowering but does not necessarily kill.

Another chemical newcomer this year is the dichloro analogue of MCPB, known as dichlorophenoxybutyric acid or 2,4-DB, the only herbicide that can be recommended for use with safety in lucerne and in crops of red clover for seed. Also new is a mixture of MCPA and MCPB, containing sufficient MCPA to kill runch and charlock but still safe for undersown clover—the same principle as inspired the triple sulphonamides, and out of the same stable: not revolutionary perhaps, but it may mark a new era! In pharmacy we are resigned to the countless permutations of conventional chemicals and drugs, each variation being paraded in turn as a "new advance in the treatment," etc., etc. There are now nine different growth-regulating substances in use as herbicides and, excluding quantitive variations, about 362,500 permutations are possible. We must

hope for restraint in exploiting the omnibus weed-killer formula, and be thankful that field tests are a somewhat slow procedure.

Grass Control

None of the hormone weed-killers is effective against grasses-they would not otherwise be safe in corn-but there are two new materials for the control of such weeds as couch (Agropyrens repens) and wild oats (Avena fatua). The sodium salt of trichloroacetic acid is the established couch-grass killer, but it suffers from the notable disadvantages that it has to be brought into contact with the rhizomes to be effective, and hence requires two highvolume sprayings, together with at least four cultivations such as harrowing; and that the material cost alone is about £8 per acre.

Delapon (Dowpon), sodium 2,2-dichloropropionate, has the great virtue of being absorbed and translocated by the foliage of the grasses, and so capable of being used in smaller amounts and as a single medium-volume spray at a time when the grasses are making rapid growth. The ground may be ploughed a few days after spraying and sown 30-40 days later to corn. Being selectively toxic to grasses, it may be used also in such crops as kale and sugar beet. Thus, if it is used in springtime before ploughing, when the couch is growing strongly, a single application of 8 lb. delapon gives good control, at a cost of about 70s. Overall treatment of sugar beet when at the 2-4 leaf stage can be given with 4-8 lb., and, while the higher rates are required to give adequate control of wild oats, quantities of 6 lb. and over are likely to cause some reduction in crop yield, unless treatment can be restricted to between the rows.

Propham (isopropyl carbanilate, isopropyl-N-phenyl carbamate, IPC) is of use against annual grasses but not against perennials such as couch. A number of substituted ureas are used, mainly in the United States, for weed control, but their action is to inhibit germination rather than to kill the growing plant. Propham has been used with

success as a pre-emergent herbicide for the control of wild oats, a weed that is becoming a serious menace in many corn-growing areas, but is also used against chickweed in dormant crop conditions in strawberries and flower bulbs.

- Sodium trichloracetate, TCA.
- Sodium 2,2-dichlorpropionate, dalapon, 'Dowpon.'
- Isopropyl carbanilate, propham, IPC. Malcic hydrazide, MH.

Another chemical used for grass control and a most unlikely one for agricultural purposes is maleic hydrazide. Although herbicidal, it is used at a less toxic concentration to inhibit the growth of grass. About 4-6 lb. per acre, applied (with a wetting agent) in the early spring after the first cutting, saves the necessity of further cutting for 3–4 months. It is widely used to control the coarse grasses, as on road verges and cemeteries, but should be used with caution on fine turfs, for it is likely to cause scorch. Since MH inhibits the growth of grass but not of broad-leaved plants, a weed-killer should also be employed to prevent the weeds crowding out the grass.

Some of the merchants who sell agricultural chemicals such as selective weed-killers also operate spraying machines on contract work, but few, if any, chemists are likely to be involved in that kind of service. But the chemist with interests in this sphere would do well to consider making arrangements with a contractor who is not concerned in the sale of chemicals, and also with an aerial spraying contractor, of whom there are a number now operating. As they each operate over a large area, they mostly rely on agents booking the orders for them, and it is not unprofitable business for the agent, who not only sells the chemical used but also collects a commission on the spraying charge.

Because of the obvious dangers, weed-killers are not suitable for aerial application on this crowded island, but blight-preventive spraying of potatoes, and the application of insecticides to various field crops, may be carried out efficiently by air. The cost is usually no more (and often less) than is charged by the tractor-sprayer contractor, and there are the advantages that the work can often be carried out at a time when the ground is too wet for tractor work; and there is no wheel damage to the crop, a factor of some importance where potatoes are concerned.

It is not practical to use a fixed-wing aircraft for fields of less than five acres, and they should preferably be of ten acres or more; of course much depends on the type of 'plane used and the ground hazards present, such as trees and overhead wires. Helicopters may be employed where such conditions are bad, but it is reckoned to cost about £30 to keep a helicopter in the air for one hour, as against £3 for a Moth.

All this may seem a far cry from pharmacy, but when engaged in selling, whether of chemicals or any other commodity, the efficient salesman is the one who knows intimately the goods he is selling and how they are best used. If pharmacists are not prepared to sell chemicals and give the purchaser the necessary "know-how," there are many others who will gladly take their place.

NEW BOOKS

Trace Analysis

J. H. YOE, H. J. KOCH (editors). Chapman & Hall, 37 Essex Street, London. W.C.2. 9 x $5\frac{3}{4}$ in. Pp. xiii and 672. 96s.

This book will serve to keep up-to-date those concerned with analysis, the pharmaceutical student, and the desperate but undaunted older pharmacist who still holds to the ideal of mastering his subject. The contents are made up from the papers submitted at a symposium upon trace analysis held in New York in 1955, and each paper is a simple exposition of principles and techniques. Chromatography, spectroscopy, colorimetry and electrical procedures are some of the more well-known techniques mentioned.

Semi-micro Organic Preparations

J. H. WILKINSON. Oliver and Boyd, Tweeddale Court, Edinburgh, 1. $4\frac{3}{4} \times 7\frac{1}{4}$ in. Pp. xii and 184. Second edition. 15s.

To the new edition of this small but helpful book a number of new preparations have been added without destroying its compact nature. Recognising that the student is frequently confused in the application of theoretical principles and may, in post-graduate work, find the manipulation of micro quantities irksome, technical colleges have turned their attention to extending this aspect of training. Apparatus now available, sometimes with ground-glass joints, facilitates the work, which is economical in cost and safer in practice than work with larger quantities.

ANY BUSINESS QUESTIONS?

I have raised a mortgage on my car, which is partly used in my business. Can I charge the interest as an expense?

THE security offered for the loan is not, of course, the essential point. If interest is to be at all allowable, the loan must be for purposes of the business. It may be, however, required to show that the loan is not for the object of providing capital to be used in the company's business, in which case it may be considered as a capital expense and therefore not allowable. An allowable interest charge is spread over the period of repayment. If the mortgage is a private one and the interest is payable net, it will not be included as part of the expenses.

I purchased a property three years ago for my own private occupation. Since then I have spent a good deal of money on repairs. Normally, I believe it is possible to claim for them but that the claim has to be dependent on a five-year average. Is it true that I need to own the property for at least five years?

An authorised deduction from the assessment on the property is given in each year in respect of repairs regardless of actual expenditure. If the amount expended on maintenance, repairs, insurance and management for the average of the five years preceding the year of claim is greater than the authorised amount allowed, the excess is granted against the assessment. But for a newly acquired property where there is no five-year average, a concessional basis may be adopted. Provided the property was in a reasonable condition on acquisition, the *actual* excess in each year during the first five years can be taken into account.

I am at a loss to understand why building-society interest should have surtax levied on it when it is free from income tax. Perhaps you would explain.

By special arrangement, a building society pays tax not at the standard rate but at a composite rate on that part distributed as interest to shareholders or depositors (subject to a limit of holding laid down). Those shareholders or depositors receive their interest without deduction of tax and cannot therefore, make any reclaim. The arrangement has for a purpose the saving of a large number of tax reclaims and the composite rate approximates to the average effective rate at which those persons are paying tax. In short, you may be above or below the average rate, with consequent overall advantage or disadvantage. So far as surtax is concerned, interest received is really still net and has to be grossed up accordingly. The society has paid income tax which, under the arrangement, cannot be adjusted, but surtax is the liability of the individual by reference to his own income.

I am available in my professional capacity day and night. I understand that, if a manager who was a pharmacist but not a director lived in the flat, then under agreed terms of service he could occupy the flat rent, etc., free, and the company could bear all the expenses concerned with the occupation and running of the flat. I am also given to understand that a director who occupies the flat is in a different position, and that the expenses mentioned above cannot be charged to the company. In practice, I am charged a fixed annual sum as "directors' benefits" for the use of the flat. My legal responsibilities as a pharmacist, coupled with the fact that I am always available—even after normal business hours—enable it to be argued that I am an "employed person," similar to a non-director manager, so that I might be relieved from being charged the amount for the use of the flat?

A DIRECTOR is, of course, an "employed person" of a company, but he is specifically excluded (as are employees whose total emoluments are at the rate of £2,000 or more) from the non-taxable benefit that may arise where accommodation is provided for an employee in accordance with the practice that has commonly prevailed for many years in trades of the class in question. It is also necessary that employees should reside on the premises. There could, therefore, in existing circumstances, be no exemption in your favour.

PHARMACEUTICAL SOCIETY OF IRELAND

Monthly meeting of Council

ISUNDERSTANDING among examination candidates about which of them could make use of the extension until July 1959 of the Licence examination of the Pharmaceutical Society of Ireland were cleared up at a meeting of the Society's Council held in Dublin on March 10. Mr. M. Power (president) was in the chair and there were also present Messrs. H. P. Corrigan (vice-president), M. Costello (treasurer), P. A. Brady, T.D., G. C. O'Neill, J. J. O'Regan, J. P. Kissane, T. R. Miller, K. Banks, A. A. Toher, V. McElwee, D. J. Kennelly, and F. Loughman, T.D., Alderman M. L. Cashman, Mr. F. J. Robinson and Miss L. Cunniffe. Mr. J. G. Coleman, B.L. (registrar) was in attendance. Apologies for absence were received from Messrs, J. Gleeson and M. Broderick.

Council's Intention for Licence Examination

The matter arose out of the minutes of the February meeting of the Council. Mr. D. J. KENNELLY made it clear that candidates who wished to take advantage of the extension must sit for the examination in April or July of this year. He had recently met some candidates who did not intend to sit until the July 1959 examination. He had pointed out to them the Council's intention. Only those who sat for the examination in those months could avail themselves of the extension to July 1959. Mr. O'NEILL agreed that the Council should bring the true position before the candidates. Mr. O'REGAN spoke of having received letters from two people who were glad of the concession made by the Council: they had no doubt they were getting fair play, and it would be candidates' own fault if they blundered. Mr. KISSANE agreed there was a mistaken idea among some candidates in the country that they could wait until July 1959. He was glad Mr. Kennelly had made the position clear.

THE REGISTRAR said he had sent circulars on the subject to all students of the past ten years, and the replies he had received were few. He would send out a further circular to affected students pointing out that they could not avail themselves of the July 1959 examination if they did not sit for the April or July 1958 examination. He would also ask the Irish Drug Association to embody a notice to that effect in their price changes circular.

MR. KENNELLY said the extension would apply to all who made an attempt at either Part I, or Part II examinations in April or July.

Before the business on the agenda was reached THE PRESIDENT had referred to the death of Mr. Francis J. Fitzpatrick (see C. & D., March 15, p. 286). Mr. Fitzpatrick, he said, had been a member of the Council for many years and was a former president of the Society. On behalf of the Council and on his own behalf, Mr. Power expressed deep sympathy with Mrs. Fitzpatrick and other relatives. Since their last meeting also Mr. O'Briain (the Society's inspector) had been bereaved by the death of his mother, and on behalf of the Council he expressed deep sympathy with Mr. O'Briain. Motions of condolence were passed in silence.

On behalf of colleagues on the Council, THE PRESIDENT congratulated Mr. Loughman on his recent appointment as one of the chief whips of the Government party in Dail Eireann, and Mr. Loughman thanked the president for his congratulations.

Also arising out of the minutes, MR. MILLER said they should ask the Department of Health to expedite the proposed new Pharmacy Bill. The Council should press the matter as it was of the utmost importance.

MR. KENNELLY said there were several contentious issues, such as wholesale dealing and the registration of premises, to be raised in connection with the Bill. Unless the Council studied them it might be years before they got a new Phar-

macy or Poisons Bill. Mr. O'NEILL said pharmacies should receive the same protection as licensed premises.

MR. O'REGAN said he would welcome the registration of premises and the passing of a Bill "to tighten up things." He gave instances of abuses in Cork city, where unqualified people were running pharmacies. That was also happening, he said, in other parts of the country. The Council was "soft pedalling" for too long, and he appealed to the president to take strong action.

Replying to ALDERMAN CASHMAN, THE REGISTRAR said the Department thought that the best way to deal with the poisons situation was to introduce an enabling Bill under which a Board would be set up to deal with problems as they arose. The Board would submit recommendations to the Minister for adoption.

Mr. MILLER: Have they given a promise that this Poisons Bill will be introduced?

REGISTRAR: The feeling was that when the Pharmacy Bill was going through that would be brought in also. Both the Society and the medical profession have written the Department saying that legislation on poisons is overdue. The Department is apparently waiting until the Pharmacy Bill is ready.

MR. MILLER: Tell them that the control of poisons is in a deplorable state and that eighteen months is far too long to be kept waiting.

MR. McElwee thought that the enabling authority to set up a Poisons Board could be incorporated in the Pharmacy Bill. Alderman Cashman warned that, before the Society agreed to any enabling Bill, members should know what the constitution of the Board was going to be.

THE PRESIDENT said the Council would communicate again with the Department of Health before its next meeting.

It was unanimously agreed to re-elect Mr. Costello as the Council's representative on the National Health Council for the period April 1 to March 31, 1960. Mr. MILLER said the Council should have two representatives on the National Health Council, and Mr. O'NEILL agreed. No matter how good Mr. Costello might be the Society had only one voice in the Council. The sooner the Society fought for proper representation on boards the better.

Public Dispensaries

Mr. J. J. O'Donoghue (general secretary, Irish Local Government Officials' Union) wrote: "At a meeting of the Pharmacists' Branch of my Union held on the twelfth inst., reference was made to a recent article in The Chemist and Druggist regarding some suggestion which had been made as to the abolition of the dispensary system (see C. & D., February 22, p. 203). As our members are vitally concerned at the possibility of their interests being prejudiced, they have asked me to say that they would expect that they would be consulted before any action is taken, and would be glad to have authoritative information from your Council on the matter of the suggestion which it is understood it was agreed to put forward."

THE REGISTRAR said he had replied to the letter as follows: "I would not think your members have cause for worry. The report dealt with the setting-up of a committee to consider every aspect of the supply of medicines, including the supply through dispensaries. The functions of the committee are mainly exploratory. I should imagine that when the committee reports back to the Council your members will be informed of the Council's plan, and will be given an opportunity of expressing their views."

MR. P. A. MACMAHON, M.P.S.I., Limerick, wrote with reference to the report of the February Council meeting, in which an increase in members' subscription was mentioned, stating that he would object to having the present subscrip-

tion increased by two or three guineas. "I am a married man," wrote Mr. MacMahon, "and with my two young children yet to be educated I would object strongly to any increase in subscription, so much so that I should find it necessary to give up membership. I hope the Society will find a satisfactory way out of its financial difficulties instead of calling on members for another increase in subscription."

MR. O'NEILL said that if it was necessary to increase the subscription to put pharmacy in a proper position in the country, it would be better to do so than to have pharma-

cists obliged to sell everything.

MR. O'REGAN said that in October 1957 he had urged the Council to put its house in order by raising the subscription to £5 4s. (or 2s. per week). If an academic body needed financial support they should get it. Next week they would have in Cork the first meeting of the Cork City and County Chemists. Thanks to the efforts of Mr. Joyce, Mallow, the city and county chemists in Cork had been brought together in one solid block. Mr. MacMahon's letter was noted.

MR. KENNELLY drew attention to the setting up by the Minister for Health recently of a Board to deal with radioactive materials. Pharmacy was not represented upon it. Dr. Timoney should be on the Board, since radioactive materials were now coming into medicine. It was agreed

to raise the matter with the Department.

Debating Society Grant

Miss Detta O'Reilly (treasurer of the Chemists' Debating Society) wrote: "I wish to apply for the annual grant which it has been your custom to make to our Society. Our expenses far exceed our income from subscriptions, and our existence depends on the grant. Two years ago a good friend of the Society donated money to be used as a prize fund, and with its assistance we have been cnabled to discover and encourage some excellent speakers among the students. May we suggest that the Council jointly, or one or more members of it, might wish to provide a new prize fund to be used for the same purpose. We have been assured of your full approval of our activities for the general betterment of our profession, and we feel sure that you will assist us further in the manner suggested."

The Council unanimously agreed to make the Society a grant of £10 as before and to leave the question of sub-

scribing to a prize fund to individual members.

When it was reported to the Council that the valuation of the Society's premises had been increased from £182 to £232, ALDERMAN CASHMAN said he thought that the only prospect of getting a remission would be on the grounds that the Society was an educational body. Mr. LOUGHMAN thought representatives should go to the valuation office on the matter, and at the suggestion of ALDERMAN CASHMAN

Mr. Loughman agreed to accompany the registrar to the valuation office to discuss the valuation.

MR. P. O'BRIAIN submitted a detailed report on the results of his recent visits to the counties of Limerick, Sligo, Leitrim, Roscommon and Donegal. In Roscommon, he mentioned, efforts were being made to form a local association of chemists. In Donegal pharmaceutical lines were still being displayed in non-pharmaceutical premises.

Mrs. Anna Bridget Mary McDonnell (née McLaughlin) and Mrs. Annie Brigid P. Dolan (née Salmon) were granted

changes of name in the Register.

The reports of the House, Law, and Schools Committees were submitted and approved.

The following changes of address were notified:

Mrs. A. B. Dolan, L.P.S.I., to Mount Bellew, co. Galway; Mrs. A. B. McDonnell, L.P.S.I., to Main Street, Bundoran, co. Donegal; Mr. Eamon Walker, L.P.S.I., to Drogheda Street. Balbriggan; Mr. Charles S. O'Hare, L.P.S.I., to 37 Seaview, Warrenpoint, co. Down.

The death of Mr. Francis Joseph Fitzpatrick, M.P.S.I., was reported. Mr. Bartholomew P. Hickey, M.P.S.I., was appointed an examiner to the Licence examination.

The Licence certificates of the following were signed and sealed: Thomas Kissane; Errick Magrath; Bernard Leo Joseph McGrath; Margaret Catherine Theresa Hughes; Emmet Joseph Kennelly; Mary Joyce; Bridget Dympna Cooke; Michael A. McDonagh.

The following were elected members of the Society: Miss K. Martin, Messrs. John Heneghan, Michael Simon McGuinness, Michael McVeigh and Thomas A. Bluett.

The following were nominated for membership:—Miss Mary Reynolds, L.P.S.I., Carndonagh, co. Donegal; Miss Brigid Murphy, L.P.S.I., Milltown, co. Galway; Dr. Monica H. T. Mellotte, L.P.S.I., The Gables, Ardrahan, co. Galway; Mrs. A. B. P. Dolan, L.P.S.I., Mount Bellow, co. Galway; Miss A. M. Sheila Johnson, L.P.S.I., The Pharmacy, Ballymotc, co. Sligo; Mr. Eamon Walker, L.P.S.I., Drogheda Street, Balbriggan; Miss Eileen Sullivan, L.P.S.I., 63 Main Street, Mallow, co. Cork; Mr. John Rafferty, L.P.S.I., Royal hotel, Roscommon; Mrs. Anna McDonnell, L.P.S.I., Main Street, Bundoran, co. Donegal; Mr. Thomas Kissane, L.P.S.I., 76 Ellesmere Avenue, North Circular Road, Dublin; Mr. Michael A. McDonagh, L.P.S.I., 47 Suir Road, Kilmainham, Dublin.

At a meeting of the Benevolent Fund held at the close of the Council meeting grants totalling £52 were passed for payment. THE REGISTRAR reported that a refund of tax totalling £26 15s. 6d. had been obtained from the revenue authorities in respect of a dance held jointly by the West of Ireland Chemists' Association and Westmeath Pharmaceutical Federation in Galway on January 1. The refund would be an additional contribution to the Fund.

PRODUCTS FOR THE IDEAL HOME

Demonstrations of cosmetics and shavers

THOUGH fewer in number, stands featuring chemists' goods at the Ideal Home golden jubilee exhibition, which opened at Olympia, London, on March 3, seems to be attracting good notice, and exhibitors report sales above expectations. Outstanding exhibit in the Empire Hall, and one of the largest stands in the exhibition, is the "pavilion of beauty" of Max Factor Hollywood and London (Sales) Ltd., 16 Old Bond Street, London, W.1. Ground floor of the pavilion is given over to sales counters and two demonstration points. Upstairs is a "do-it-yourself" beauty bar with sixteen dressing tables at which free make-up is supplied and advice is given on how to apply the cosmetics. In conjunction with Kodak, Ltd., Kingsway, London, W.C.2, a competition is being run in

which competitors in two classes (over and under forty) are photographed before and after they have made themselves up. There is a daily prize in each class for the woman judged to have shown the greatest improvement. Competitors are allowed a choice of hats, jewellery and fur coats in which to be photographed, and the Kodak organisation is providing a twenty-four-hour service to produce Ektachrome transparencies for the competition.

Exhibiting for the first time, the Crookes Laboratories, Ltd., Park Royal, London, N.W.10, are displaying and demonstrating their non-greasy hand cream. Nivea shampoo is the main feature of a display by Smith & Nephew, Ltd., Welwyn Garden City.

Disinfectants and deodorising preparations are shown by Cromessol Co., Ltd., 130 Brand Street, Glasgow, S.W.1, and by New Hygiene, Ltd., 266 Holloway Road, London, N.7. Electric shavers are shown and demonstrated by Ronson Products, Ltd., 352 Strand, London, W.C.2, and Philips Electrical, Ltd., London, W.C.2, and on display at the stand of Sunbeam Electric. Ltd., Nerston, East Kilbride, Glasgow.

Ltd., Nerston, East Kilbride, Glasgow. Albright & Wilson (Mfg.), Ltd., 1 Knightsbridge Green, London, S.W.1, show their Calgon water softener and Micromet (for preventing hard-water scale). Marigold rubber gloves are featured by the J. Allen Rubber Co., Ltd., Whitecroft, nr. Lydney, Glos, and Cidal beauty soap samples and literature are being distributed from the stand of J. Bibby & Sons, Ltd., King Edward Street, Liverpool, 3.

The exhibition ends on March 29.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," February 26

For pharmaceutical, veterinary and sanitary substances; medical and surgical plasters, materials prepared for bandaging, disinfectants, and pre-parations for killing weeds and destroying vermin

FAVIPAX, 769,249, by Union Chimique Belge, S.A., Brussels, Belgium,

For pliarmaceutical preparations in tablet form use in the treatment of disorders of the stomach and intestines (5)

CHAKS, 770,334, by Scientific Cosmetics Co., Tunbridge Wells, Kent.

For pharmaceutical preparations for use as nuiscle relaxants (5)

LISSIDON, 770,915, by CIBA, Ltd., Basle, Switzerland.

For pharmaceutical preparations and substances containing vitamins (5)

TOTAVIT D.R., 771,162, by Cupal, Ltd., Blackburn, Lancs.

For first-aid outfits (5)

WAYFARER, 771,498, by Harker Stagg, Ltd., London, E.1.

For all goods (5)

or att goods (5)
APOCITAL, 771,632, DIXARIT, 771,634,
MEPROVAN, 771,635, TRIGATAN, 771,637,
by Dr. Karl Thomae, G.m.b.H., Biberach-onthe-Riss, Germany. ANEVRAL, 771,811, by
Optrex, Ltd., Greenford, Middlesex.

For photographic cameras (9)

VECTA, 768,763, by Kodak, Ltd., London, W.C.2.

For photographic cinematographic and optical apparatus and in truments and parts; and carrying cases for cameras (9)

PRAKTISIX, 771,689, by Veb Kamera-Werke Niedersedlitz, Dresden A.I7, Germany,

For fumigating apparatus for medical and surgical purposes (I0) FUMIDISER, 771,585, by Albert Edward

Zeumer, Barnet, Herts.

For spraying devices for surgical use (10) ECONO-MIST, 771,743, by Rexall Drug Co., Ltd., Loughborough, Leics,

For closures made of plastics for containers (20) STERI-CAP, 771,691, by Louis Edward Armelin and Charles Edward Tresise, London, W.I. For food for animals and birds (31)

TRILL, 770,349, THRILL, B770,417, by Petfoods, Ltd., Melton Mowbray, Leics.

From the "Trade Marks Journal," March 5 For chemical products used in industry, but not including sweetening substances or any goods of the same description as sweetening substances (1) PURAGON, 770,002, by Air Products, Inc., Allentown, Pennsylvania, U.S.A.

For chemical products used in industry (1)

IOLAN, 771,026, by F. W. Hampshire & Co., Ltd., Derby.

For non-medicated toilet preparations, cosmetic preparations, brilliantine, hair lotions, toilet shampoos, dentifrices, perfumed soap, perfumes, essential oils for use in the manufacture preparations, and toilet articles (not included in

other classes) (3)

COTY LA FAVORITA, 767,586, by Coty (England), Ltd., London, W.1.

For detergents (not for use in industrial or manufacturing processes) (3)

DELACTO, 764,490, by Gascoigne-Crowther, Ltd., Reading, Berks,

For preparations for cleaning the teeth, and essentias oils for use in the manufacture of tooth-paste

DENTAROM, 767,729, by Paul V. Kutiak & Co., Ltd., Brentford, Middlesex.

For all goods (3)

SEBBAN, 769,214, by Genatosan, Ltd., Loughborough, Lc.cs.

For non-medicated toilet and cosmetic creams (3) CREME MOUSSELINE, 770,028, by Guerlain, Ltd., Perivale, Middlesex.

For perfumes, toilet preparations (not medicated), cosmetic preparations, dentifrices, depilatory preparations, toilet articles (not included in other classes), sachets for use in waving the hair, soaps

and essential oils (3)
CAPTIVE BEAUTY, 771,216, by Yardley & Co., Ltd., London, E.I5.

For detergents (not for use in industrial or manu-

NURSERY HYSAN, 771,290, by Trufood, Ltd., Wrenbury, Ches.

For perfumes, toilet preparatious (not medicated), cosmetic preparations, dentifrices and soaps (3) CUSSONS CHARM, 771,705, by Cussons Sons & Co., Ltd., Manchester, 7.

For pharmaceutical preparations for human use

ANTICOMAN, B638,762, by Riddell Products, Ltd., London, E.2.

For all goods (5)

Device with words PFIZER, B746,549, by Chas. Pfizer & Co., Ltd., Brooklyn, New York, U.S.A. RICENOX, 769,904, by Ashe Laboratories, Ltd., Leatherhead, Surrey, AQUAPEL, 770,894, by Imperial Chemical Industries, Edd., London, S.W.1. HYPACOME, 771,051, by Sandoz Products, Ltd., Bradford, Yorks. MEDIC-AIRE, 771,085, by Cooper, McDougall & Robertson, Ltd., Berkhamsted, Herts. TEMARIL, 771,228, by Smith Kline & French 770,894, by Imperial Chemical Industrics, Ltd., Laboratories, Ltd., London, S.E.S. ETOLYSEN, PEROLYSEN, 771,487-88, by May & Baker, PEROLYSEN, 771,487-88, Dy May & Baret, Ltd., Dagenham, Essex. GESICORT, 771,845, SULZINE, 771,847, by Parke, Davis & Co., Detroit, Michigan, U.S.A., and Hounslow, Middlesex. GUNJAH, 772,066, by Fred Brabbing, Blacon, Chester. GERIMIDE, RESERTION of the Company GLATE, 772,082-83, by A. & G. Nicholas, Ltd., Slough, Bucks.

For pharmaceutical preparations containing amino acids or their derivatives (5)

AMINOSOL, B747,802, by Abbott Laboratories, Chicago, Illinois, U.S.A.

For embrocation (5)
GODDARD'S WHITE HORSE OILS, GOD-WHITE OILS, GODDARD'S EM-DARD'S WHITE OILS, OODDARD'S WHITE OILS EMBROCATION, GODDARD'S WHITE WARDER OILS EMBROCATION, 747,969-73, by J. G. Goddard & Co., Ltd., London, S.E.I5.

For pharmaceutical preparations and substances (5)

VIO, 764,946, by Hedges (Chemists), Ltd., Birmingham. PRUNIIILS, 766,653, by Wallace Manufacturing Chemists, Ltd., London, N.W.3. IOLAN, 771,027, by F. W. Hampshire & Co., Ltd., Derby. Device with words DE WIT'S, 771,806, by E. C. De Witt & Co., Ltd., Croydon, Surrey. DAONIL, 772,146, by Farbwerke Hocchst, A.G., vormals Meister Lucius & Brüning, Frankfort-on-Main-Hoechst, Germany.

For pharmaceutical preparations and substances for veterinary use (5) SENOVET, 768,983, by Westminster Labora-

torics, Ltd., London, N.W.I.

For insect and vermin repelling and destroying preparations; and preparations for the purifica-

preparations, unit of tion of air (5)
PROMOL, 771,418, by Promedico Products,

For pharmaceutical preparations for the treatment gastro-intestinal and hepato-biliary dysfunction (5)

PROZANCHOL, 769,720, by G. D. Searle & Co., Skokie, Illinois, U.S.A.

For materials made wholly or principally of cotton wool or rayou fibre or of mixtures of cotton wool and rayon fibre, prepared for pharmaceutical purposes (5)

NUCOT, 769,989, by N.P.U., Ltd., London, W.C.I.

For disinfectants, antiseptics and deodorants, all for use by spraying (5)

SPRAYGUARD, B770,539, by Aspro-Nicholas,

Ltd., Slough, Bucks.

For pharmaceutical tonic preparations (not being wines) (5)

MIGHTEX, MITTEX, 770,763-64, by Henry Fiertag, London, W.I.

For pharmaceutical preparations and products for

luman use (5) EQUAPRIN, 770,846, EQUADIOL, 771,397, by American Home Products Corporation, New York, U.S.A.

For veterinary preparations; and preparations consisting principally of concentrated milk pro-tein, malt and calcium for use as nutritional addi-

tives to foodstuffs for animals (5)
FOSCO, JOYSO, 770,981-82, by John Richardson & Co. (Leicester), Ltd., Leicester.

pharmaceutical preparations, medical and surgical plasters, materials prepared for bandaging and surgical dressings (5)

ALCOS-ANAL, 771,297, by Chemische Fabrik von Heyden, A.G., Munich, Germany.

For food for animals (5)

TIMMIE, 764,626, by Petfoods, Ltd., Meiton Mowbray, Leics,

For farinaceous dietetic foods (5)

PROBISKI, 771,769, by Koninklijke Verkade Fabrieken N.V., Zaandam, Holland.

For sheep and cattle dips and veterinary preparations (5)

BERCOTOX, 771,718, by Cooper, McDougall & Robertson, Ltd., Berkhamsted, Herts.

photographic apparatus, instruments and utensils; and parts (9)
CORONET VICTOR, 769,654, by Coronet,

Ltd., Birmingham, 19.

For electric infra-red heating lamps, mercury vapour lamps and electric ultra-violet lamps, all for surgical or curative purposes; X-ray tubes; and apparatus for giving medical treatment by means of ultrasonotherapy (10)

Device with letters ACEC, 770,174, by Ateliers de Constructions Electriques de Charleroi, Brussels, Belgium.

WORLD TRADE

Dutch Chemical Exports Up.—Shipments of chemical products from the Netherlands during 1957 were valued at 1,000.2 million guilders, compared with 821.7 million guilders in 1956.

U.S. Sulphur Production. - Production of native sulphur in the United States totalled 5,491,210 long tons in 1957 against 6,427,229 in 1956 while were 4.4 million tons against stocks 3.9 million. Recovered sulphur production in 1957 went up to 519,078 tons from 480,980 tons.

New Austrian Customs Tariff. bill on a new Austrian customs tariff, which will replace the duties on weight by ad valorem duties in accordance with the Brussels agreement, has been submitted to the Austrian Parliament. It is assumed that the new tariff will become effective on September 1. The new tariff includes the following proposals for ad valorem import duties (all in per cent. of the value): razor blades, 30; electric shavers, 20; cameras, 5; and chemicals, 5-25; chemicals not manufactured in Austria will be duty free.

Anglo-Tunisian Trade Pact. — The first direct trade agreement between Britain and independent Tunisia was signed recently. The one-year agreement effective from last January 1 covers an exchange of goods worth 2,200 million francs. Among the goods specified that Britain will import is olive oil and Tunisia will purchase chemicals.

Spanish Chemical Plant Expansion. The Spanish Ministry of Industry has authorised the Belgian enterprise Solvay & Co., which operates in Spain, to use 340 million pesetas of its funds for the expansion of its factory at Torrelavega in northern Spain. The expansion-aimed at increased production of caustic soda and chlorinewould cover the entire Spanish demand.

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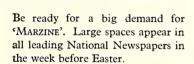


TRADE MARK

begins

Martine

March 31st



DAILY EXPRESS MARCH 31st

DAILY SKETCH MARCH 31st

DAILY MIRROR APRIL 1st

DAILY TELEGRAPH APRIL 1st

DAILY HERALD APRIL 2nd

NEWS CHRONICLE APRIL 2nd

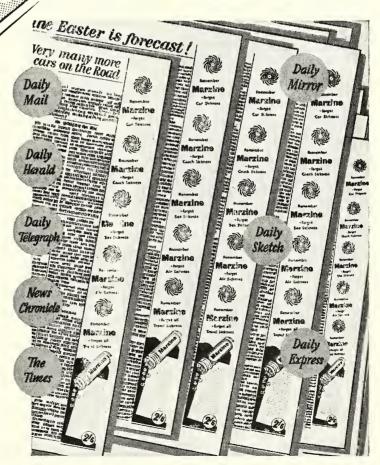
DAILY MAIL APRIL 3rd

THE TIMES APRIL 3rd

Keep 'MARZINE' prominent on your counters and in windows.



BURROUGKS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON



ROBERTS WINDSOR

loveliest of toilet soaps

NATIONAL ADVERTISING

using top-circulation magazines like Woman, TV Times, Woman & Beauty, She, Good Housekeeping, also the new Woman's Realm.

TELEVISION in the London area — now appearing twice weekly.



... they say she fascinates..." A highlight from Roberts Windsor TV advertising. The same dramatic theme appears in the advertisements in the national magazines.

STOCK UP AND DISPLAY THE TOILET SOAP
THAT GIVES YOU THAT BIGGER MARGIN



ROBERTS WINDSOR SOAP CO. LTD. THE ACRE, WINDSOR AND AT COLWICK, NOTTINGHAM

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesate dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MARCH 19: Price changes in CRUDE DRUGS during the week were few and trading was again restricted to small lots. Many commodities continue scarce or unobtainable on the spot and although several months must elapse before the new crops are ready trade buyers appear willing to wait.

TOLU BALSAM was offered by some holders at sixpence per lb., under the former price and it was felt that upwards to one shilling discount per lb. would have been allowed for quantity. Some adjustments were made in CIN-NAMON prices for shipment. Brazilian MENTHOL lost another sixpence per lb., The easier trends in PEPPER at origin. prices were halted during the week as higher prices were asked at origin and better demand developed on the Continent. In Aromatic Seeds Indian Celery was 12s. 6d. per cwt., dearer for shipment; Fennel and Dill were firm on the spot. Shipments of Tinnevelly Senna from the port of Tuticorin during February are given below, only small lots are arriving from the interior at present. interior at present.

	U.K.	U.S.	EUROPE
SENNA	Tons	Tons	Tons
LEAVES	1 —		59
PODS	<u> </u>	—	3

SHELLAC prices were unchanged for the third successive week on the spot and at origin the market showed little variation. BENZOIN almonds have been cleared on the spot and offers from Singapore are awaited. ORRIS ROOT was dearer in Italy, the quotations being above those of spot holders. GINGER was easier the fall in Jamaican being substantial.

Among Essential Oils Chinese
Anise was unaltered on the spot
although some business was reported done at 10s, per lb. In the forward position Ceylon CITRONELLA was lower by one penny per lb. Stocks of Chinese PEPPERMINT were said to be scarce on the spot.

Pharmaceutical Chemicals

Antimony. — English 99.6 per cent. is £197 10s.; 99 per cent., £190 per ton.

ANTIMONY SALTS.—Quotations for POT-ASSIUM TARTRATE, B.P., are 7s. 6d. per lb. for 1–10 cwt. and sodium tartrate, B.P.,

for 1-10 cwt. and Sodium Tartrate, B.P., 13s. 3d.

Borax.—B.P. grade for quantities of 1-ton and upwards: Granular, £55, crystals, £57 10s.; powder, £58 10s.; extra fine powder, £59 10s. per ton. Supplied in hessian sacks. Prices of commercial range from £45 to £50 10s. per ton, as to type and packing. Dehydrated borax is £68 per ton in paper-lined hessian bags or £67 in paper bags; carriage paid in Great Britain. Surcharges for smaller quantities: Less than 1 ton but not less than 5-cwt., 1s. per cwt.; 3-cwt., 2s.; 1-cwt., 3s.

Boric acid.— Prices (per ton) for B.P. grade in quantities of 1 ton and upwards are as follows:—Granular, £89 10s.; crystals, £96 10s.; powder, £94; extra-fine powder, £96 per ton, in lined hessian bags, carriage paid in Great Britain. Less £1 per ton if supplied in paper bags. Technical grades range from £75 10s. to £84 per ton according to type and packing.

Calcium Succinate.— Quotations are from 10s. 6d. to 12s. 6d. per 1b., as to

quantity. Succinic acid is from 10s, 6d, to 12s, 3d, per lb.

CHLORAL HYDRATE. — In 1-cwt. lots the price is about 4s. 3d. per lb.

HOMATROPINE.—Current rates (per oz.) for 16-oz. lots are now: ALKALOID, 30s. 6d.; HYDROBROMIDE, 24s. 6d., HYDRO-CHLORIDE, 28s. 6d.; METHYLBROMIDE, 25s. 6d. 1-oz. rates are 1s. 6d. per oz. above those rates.

HYDROCYANIC ACID. — Dilute B.P.C. is from 3s. 2d. to 4s. per litre, as to quantity; Scheeles is from 3s. 10d. to 4s. 9d.

Hydrogen peroxide.—Carboy lots of 20 vols. are 5s. per gall. The 35 per cent. (by weight) is 158s. per cwt. in 1-cwt. carboys.

ICHTHAMMOL. — B.P. is from 2s. to 2s. 6d. per lb. in 1-cwt. lots as to origin and container.

Lead acetate. — B.P. crystals are 200s. per cwt. and technical, 180s.

Phenol.—Basic price for ice crystals in drums is 1s. 4½d. per lb. (under 1-ton lots, 1s. 7½d.). Detached crystals, 2d. per lb. above and Liquid, B.P., ½d. per lb. below the foregoing basic prices.

PHENOLPHTHALEIN.—Rate for 1-cwt. lots is 11s. per lb.

TERPIN HYDRATE. - Prices are from 6s. per lb., upwards as to quantity.

Alcohol

British spirit per proof gall .: -

British Spirit per proof gall.:—

Ethyl Alcohol: (95 per cent. Gay Lussac. 66 o.p.); where the number of proof gall. taken over any one year ended March 31 is 300,000 or over the price is 4s. 0\frac{1}{4}\text{d.}; 200,000 and less than 300,000, 4s. 0\frac{1}{4}\text{d.}; 100,000 and less than 200,000, 4s. 1\frac{1}{4}\text{d.}; 50,000 and less than 50,000, 4s. 2\frac{1}{4}\text{d.}; 2500 and less than 50,000, 4s. 2\frac{1}{4}\text{d.}; 2500 and less than 10,000, 4s. 2\frac{1}{4}\text{d.}; 2500 and less than 10,000, 4s. 2\frac{1}{4}\text{d.} Prices are exclusive of duty and are for tank wagon lots. In 40-gall. drums there is a surcharge of 1d. per proof gall. The following grades are subject to a

The following grades are subject to a premium on the above prices as set out in the next paragraph:-

the next paragraph:—

Absolute Alcohol, 99·5 per cent., 74·5 o.p., 3d. more per proof gall., the special high strength (99·9 per cent., 75·2 o.p.). 5d. more. Doubly-Rectified Alcohol (S.V.R.), 95·8 per cent., 68 o.p., is 3d. more and P.I. Rectified Alcohol, 96·1 per cent., 68·5 o.p., 8d. more. R. R. Absolute Alcohol (re-rectified, 99·7 per cent., 75 o.p.), 14s. 10d. per bulk gall. net.

Methylated Spirit

METHYLATORS' rates per bulk gall. in Great Britain are as follows:-

Britain are as follows:—

Industrial Methylated spirit: Strength 61 o.p., 500 gall. and over, 5s. 11d.; 100 gall. and under 500 gall., 6s. 2d.; 40 gall. and under 100 gall., 6s. 5d.; 10 gall. and under 40 gall., 6s. 10d.; 5 gall. and under 10 gall., 7s. 3d. Strength 64 o.p., ½d. per gall. 66 o.p. (B.P.), 1d.; 68 o.p., 3½d. more than the above rates with 74 o.p. at 6s. 8½d., 6s. 11½d., 7s. 2½d., 7s. 7½d. and 8s. 0½d. per gall. for similar quantities. Tank wagon delivery is 1½d. per gall. off list price—minimum, 500 gall. For industrial methylated spirit of standard toilet quality prices are from 7s. 2½d. (tank wagon) for 500 gall. to 8s. 8d. for 5–10 gall. (in drums) for 61 o.p.

Pyridinised industrial methylated spirit:
Strength 66 o.p., 500 gall, and over, tank
wagon delivery, 6s. 2d.; 100 gall, and
under 500 gall, (40/50 gall, drums),
6s. 6½d.; 40 gall, and under 100 gall.,
6s. 9½d.; 10 gall, and under 40 gall.,
7s. 2½d.; 5 gall, and under 10 gall.,
7s. 72.4 7s. $2\frac{1}{2}d$ 7s. $7\frac{1}{2}d$.

Mineralised methylated spirit: Strength 64 o.p. in one delivery, 100 gall, and under 500 gall, 6s. 6½d.; 40 gall, and under 100 gall, 6s. 9½d.; 10 gall, and under 40 gall, 7s. 2½d.; 5 gall, and under 10 gall, gall., 7s 7s. 7½d.

Methylated resin finish is 3d. per gall. over and methylated shellac finish is 1s. per gall. over the prices of pyridinised methylated spirit.

Terms:—Delivered free and carriage paid on returned empties; net cash.

Industrial Chemicals

ACETALDEHYDE. — The 100 per cent. is £155 per ton.

ACETATES.—Prices (per cwt.) for drum lots are as follows:—AMYL (technical), 255s. and B.S.S., 257s. BUTYL, 179s.; ETHYL, 151s.; 1SOPROPYL, 147s.

ACETIC ANHYDRIDE. — 10-ton lots are quoted at £134 per ton, delivered U.K. in returnable drums; 1-ton lots, £136.

ACETONE.—One-ton lots are quoted at £90 per ton.

BENZOLE. — Thiophene-free is from 9s. 3½d. per gall. for one 50-gall. barrel and pure, 6s. 3½d. per gall. for similar

N-BUTYL ALCOHOL. — One to 5-ton lots are quoted at £159 per ton and one-drum lots at £163 per ton. Secondary is £130.

CARBON TETRACHLORIDE, B.P.—1–2-carboy lots are £135 per ton. Technical, in 40-gall. drums, in less than 1-ton lots, is £84; 1 ton and under 2 tons, £81; 2 tons and under 4 tons, £80 10s.; 4 tons and upwards, £79 10s.

ISOPROPYL ALCOHOL. — Technical grade (99 per cent.) 5s. 0½d. per gall. for 10,000 gall. lots; anhydrous in drum lots is £108 per ton.

METHYL ETHYL KETONE.—One-ton lots in drums are quoted at £145 per ton.

METHYL ISOBUTYL CARBINOL. — One-ton lots (in one delivery) are now £165 per

METHYL ISOBUTYL KETONE. lots are £171 per ton with usual differentials for small quantities.

Naphthalene.—Home market prices (per Naphthalene.—Home market prices (per ton for 4-ton lots at one time) are as follows:—CRUDE, crystallising point 64-71-96 C., £22 5s. to £23; WHIZZED, c.p. 72-77-56 C., £27 3s. 6d. to £35 13s. 6d. according to the crystallising point, ex works; HOT-PRESSED, minimum c.p. 77-66 C., £42 10s. 6d. ex makers' works; crystals from £62 8s. 6d. to £64 18s. 6d., delivered; BALL AND FLAKE, £70 18s. 6d. to £73 9s. delivered.

PHTHALATES.—Prices (per ton) for drum lots are as follows:—DIBUTYL, £228; DI-ISOBUTYL, £210; DIETHYL (normal grade), £229; DIMETHYL, £208.

STEARATES. — Spot prices for minimum 1-ton lots are now as follows:—Aluminium (all grades), 253s. per cwt., Calcium (precipitated), 243s.; Lead (30 per cent.), 240s.; Magnesium (standard), 271s. 6d. and (superfine), 301s. 6d.; Zinc, B.P., 285s. 6d.

TITANIUM DIOXIDE. — In 5-ton spot lots anatase is from £162 5s. per ton; rutile is £178 5s. for surface-coated and £170 for non-surface-coated.

Crude Drugs

ACONITE. -Spot supplies of Spanish napellus are 3s. per lb., duty paid.

AGAR.—Kobe is 12s. per lb. duty paid. ew-crop for March-April shipment, 9s. 9d., c.i.f.

ALOES.—Cape prime nominally 250s. per cwt., c.i.f. for shipment but no firm offers; spot, 265s. per cwt.

Anise (star).—Chinese is 130s. per cwt. c.i.f., and 140s., spot in bond.

ARECA NUTS. — F.a.q. quoted at 67s. 6d. and selected, 140s. per cwt. landed.

BALSAMS.—Quotations (per lb.) are:—Canada: Spot, 25s. Copaiba.—Para from 7s. 9d. to 11s. duty paid. Peru.—10s. 6d., in bond; 9s. 9d., c.i.f. Tolu (genuine as imported), 24s. 6d.; B.P., 17s.

Belladonna.—Herb is 2s. 6d. per lb. on the spot. Root 1s. 10d. spot; shipment, 1s. 3d., c.i.f.

BENZOIN.—Sumatra No. 1 block on the spot is £26 to £27 per cwt. (£23 10s., c.i.f.), and No. 2, £20. Almonds (Sumatra) best grades are unobtainable on the spot.

BUCHU.—Spot rounds are 7s. 3d. per lb. new-crop for shipment, 6s. 4½d., c.i.f. CALAMUS. — Dutch root is quoted at

ls. 4d. per lb., c.i.f.

CAMPHOR.—B.P. POWDER is from 5s. 3d. per lb., duty paid. Tablets, 4-oz. are 6s. 6d., in bond.

Capsicums. — East African are from 150s. to 200s. per cwt. on the spot.

CARDAMOMS. — Aleppy greens are 15s. per lb. on the spot; shipment, 14s., c.i.f. No. 1 seed 23s. 6d., spot; shipment, 20s.,

CASCARA SAGRADA.—Spot 1956 processed peel is 320s, per cwt., duty paid, and 1957 peel, from 285s., with shipment at 250s.,

CASSIA. — Selected whole bark in limited supply on the spot at 240s. to 260s. per cwt. and broken at 215s., in bond. C. fistula, new crop 90s. per cwt.

CHERRY BARK. — Thin natural is from 1s. 9d. per lb., duty paid, and rossed 2s., on the spot

on the spot.

CHILLIES. — Spot Mombasa are 170s. per cwt. and Zanzibar, 210s.

CINNAMON.—Ceylon for shipment (c.i.f.) per lb., OOOO, 7s. 8d.; OOO, 7s. 4d.; OO, 7s. 2d.; seconds, 5s. 11\frac{1}{3}d.; featherings, 2s. 1d.; quillings, 4s. 6\frac{3}{4}d. (spot, 5s. 3d.); chips, 10\frac{1}{2}d. (spot, 1s.).

CLOVES. — Zanzibar on the spot are quoted at 3s. 4d. per lb. Shipment 2s. 11d., c.i.f.

COCHINEAL. — Silver - grey Peruvian nominal; Canary Isles black-brilliant 25s. per lb.; silver-grey, 20s. nominal.

Cocillana.—Bark is 1s. 7d. per lb. on the spot.

COLOCYNTH PULP. - Spot, 4s. per lb., duty paid.

DIGITALIS LEAF.—Purpurea (1956 crop), is offered at 1s. 2½d. per lb., c.i.f.; 1957 crop, 2s. 6d. to 2s. 7d., c.i.f.

ERGOT.—Portuguese is 5s. 6d. per lb. c.i.f., for prompt shipment and 6s. spot. American, 5s. 9d., spot; Hungarian, nominal. Dutch (t.a., 0.293 per cent.), 7s. 8d., c.i.f.

GENTIAN.—French is 180s. per cwt. on

GINGER.—African, 107s. 6d. per cwt. on the spot; new-crop for shipment, 97s. 6d., c.i.f. Jamaican No. 3 on the spot is 475s. per cwt., March–April, 415s., c.i.f. Cochin spot, 92s. 6d.

GUM ACACIA.—Kordofan cleaned sorts are 132s. 6d. per cwt. on the spot; March-April shipment, 117s. 6d., c.i.f.

HENNA. — Indian for shipment is 50s. per cwt., c.i.f.; near at hand, 75s., landed terms.

Honey. — Australian light-amber is

to 115s, and medium amber 105s. 10s. Argentine 125s, to 130s.; to 110s. Argentine 125s. to 130s.; Jamaican, 135s. to 140s., all per cwt., on the spot.

Hydrastis. — Spot 31s. per lb.; forward, from 28s. to 29s. 6d., per lb., c.i.f.

Kola nuts. — Jamaican are offered at about 8d. per lb. spot, and $6\frac{1}{2}$ d., c.i.f. African, $5\frac{1}{4}$ d. spot and $4\frac{1}{4}$ d., c.i.f.

LANOLIN. — ANHYDROUS, B.P., is from 170s. to 175s. per cwt. in 1-ton lots and HYDROUS, B.P., 150s., free drums, delivered.

MACE. — Whole on the spot is from 23s. 6d. per lb.

MENTHOL.—Chinese is 52s. per lb., duty paid and 47s. 6d., c.i.f.; Brazilian, spot, 38s. 6d., duty paid, shipment, 35s., c.i.f. Formosan for shipment, 44s., c.i.f., Japanese, 47s., c.i.f.

NUTMEGS. — West Indian 80's, 17s. per lb., spot; sound unassorted, 13s. 6d.

ORRIS ROOT. -- Florentine is 320s, per cwt. Firm at origin.

PEPPER.—White Sarawak is dearer at 2s, 3d. per lb. on the spot with March shipment now 2s. 2¼d., c.i.f. Black Sarawak, 1s. 5¾d., on spot and March-April shipment at 1s. 5d., c.i.f. Black Malabar on spot is quoted at 195s. per cwt. and March-April shipment at 187s. 6d.

PIMENTO. — Shipment is 540s. per cwt.,

f.o.b.

SEEDS. — (Per cwt.). ANISE. — Cyprian quoted at 170s., spot and 160s., c.i.f. CARAWAY. — Dutch offered at 90s., duty paid. CELERY.—Indian is 175s. on spot. The shipment position is much firmer, old crop quoted at 140s. and new crop June—July shipment, up to 132s. 6d., c.i.f. CORIANDER.—Steady. Moroccan 67s. 6d. Rumanian sold at 62s. 6d. and Bulgarian 52s. 6d., all duty paid. CUMIN. — Firm. Cyprian on spot sold at 205s.; Iranian has all been cleared for export; Cyprian for shipment, 185s., c.i.f. DILL.—Indian on spot is firm at 67s. 6d.; for shipment the price is 51s., c.i.f. FENNEL.—Indian is firm at 200s., spot and Chinese offering at 160s., duty paid. FENUGREEK.—Moroccan is lower at 55s. duty paid. MUSTARD.—English 70s. to 80s., according to quality.

SENNA. — Tinnevelly LEAVES, prime

SENNA. — Timevelly LEAVES, prime No. 1, 1s. 5d. per lb., prime No. 2, 1s. 3d., f.a.q., No. 3, 10d. Pods, manufacturing substandard, 1s. 1d.; handpicked, 1s. 10, 3d. to 2s. 4d. Alexandria pods: Manufacturing, offered from 1s. 7d. with hand-picked from 5s. 6d. to 6s. 6d.

TURMERIC.—Madras finger on the spot is 52s. 6d. per cwt. New-crop (April-May) quoted at 52s. 6d., c.i.f.

quoted at 52s, 6d., c.i.f.

Waxes. — (Per cwt.). Bees'.—Dar-es-Salaam. spot, 500s., shipment, 470s., c.i.f.; Sudanese, 450s., spot, in bond and 440s., c.i.f. Abyssinian, spot, 470s, in bond; shipment, 445s., c.i.f. Benguela spot, 530s., duty paid; shipment, 495s. c.i.f. Candellela. — Spot, 460s. Car-Nauba.—Fatty grey, spot, 570s.; for shipment, 557s. 6d., c.i.f. Prime yellow, spot, 1,030s.; shipment, 925s., c.i.f.

Essential and Expressed Oils

Cassia.—Spot is 13s. 6d. per lb.; shipment, 13s. 4\frac{1}{2}d., c.i.f.

CASTOR.—Minimum charge for homenroduced B.P. oil on the spot is £155 per ton naked ex mill. Forward delivery, £10 to £12 per ton less.

CELERY SEED. — Oil is 92s. 6d. per lb. for bulk lots.

CINNAMON.—From quillings, best Eng-Cinnamon.—From quillings, best English-distilled is 50s. per oz.; other B.P. oils from 165s. per lb. Ceylon leaf, spot, 11s. 6d., per lb. nominal and shipment, 11s. 3d., c.i.f. and rectified, 15s. per lb., Seychelles, 6s. 6d. all spot.

CHRONELLA. — Ceylon, spot unchanged at 4s. 3d.; shipment, 3s. 10½d., c.i.f. Formosan, March-April shipment, 4s. 11d., c.i.f. Spot; 5s. 2d., in bond.

CLOVE.—Madagascar leaf is 6s. 6d. per lb., duty paid and 5s. 9d., c.i.f., for shipment. Rectified 87–88 per cent., 9s. 3d. Distilled bud oil, English B.P., 26s. 6d. to

COD-LIVER. — B.P. is 11s. 6d. per gall. in charged returnable drums. Veterinary is from 9s. 6d. per gall.

CORIANDER. — B.P. oil is quoted from 70s. per lb.

CUBEB.—Spot supplies of imported are offered at 45s. per lb. and home-produced

CUMIN.—Quotations for English-distilled oil are about 90s. per lb.

DILL.—B.P. imported is 36s. per lb.

EUCALYPTUS.—Australian 70 to 75 per cent. eucalyptol on the spot is 4s. 9d. per lb. 80 to 85 per cent., 5s. 6d. Spanish (70 to 75), 4s. spot.

Fennel.—Spanish sweet on the spot is quoted at 9s. 6d. per lb.

GERANIUM.—Bourbon is 105s. per lb. on the spot and Algerian, 92s. 6d.

GINGER. — English-distilled oil is 160s. er lb. lmported: Jamaican, 135s.; per lb. Imported: Ja Chinese, 100s., duty paid.

Grapefruit.—Jamaican or Floridan is 15s. per lb.; South African, 10s., spot.

JUNIPER. — B.P.C. 1949 oil is from 10s. 6d. per lb. and Jugo-Slavian, 14s. on the spot. English-distilled is 155s. JUNIPER wood, from 5s.

LAVENDER.—French oil, 40-42 per cent. is 55s, per lb.

PENNYROYAL. - Spot is quoted from 17s. 6d. per lb., duty paid.

PEPPERMINT. — Arvensis: Chinese is scarce at 25s. 6d. per lb. on the spot and 25s., c.i.f. Brazilian, 12s. 3d., spot and 11s. 3d., c.i.f. Formosan, 18s., spot; newcrop for June-July shipment, 16s. 9d., c.i.f. Italian "Mitcham"-type oil on spot is from 45s. to 50s.; American, 27s. 6d. to 55s., as to origin.

PETITGRAIN. — Paraguay is offered at 19s. 6d. per lb. on the spot; 18s. 6d., c.i.f.

PIMENTO. — English-distilled berry 180s. per lb.; imported, 75s. R leaf, 27s. 6d. per lb. for small lots. Rectified

PINE.—Pumilionis on the spot is from 16s. per lb.; sylvestris, 25s.; Siberian (abietis), 12s. 6d.

ROSEMARY. - Spanish is nominally 8s. 6d. per lb.

SAGE.—Spanish is 8s. 6d. per lb.; Dalmatian, 37s. 6d.

Sandalwood. — Mysore offered 81s. to 87s. per lb. as to source. Indian, 72s. 6d., spot. Mysore offered from East

Sassafras.—Brazilian is from 3s. 9d. per lb., duty paid.

Spearmint.—Offers of U.S.P. grade are from 29s. per lb. on the spot.

Tangerine.—Spot supplies of best oil are offered at 40s. per lb.

THYME.—Spot is 10s. per lb.

VETIVERT.—Spot is currently at about 90s. per lb.

UNITED STATES REPORT

NEW YORK, MARCH 18: Brazilian MENTHOL turned easier, with spot material now \$5.75 a lb., down five cents. SANTONIN worked lower on limited export demand, dipping to \$30 a lb. (off \$2.50). Lower among Crupe Drugs were Spanish SAFFRON at \$37.50 a lb., down \$1, and SENEGA at \$2.65 a lb., down ten cents. Higher among ESSEN-TIAL OILS was Floridan orange at \$1:25 a lb., up 15 cents. Lower were Turkish GERANIUM at \$4.75 a lb., down 50 cents; native CANANGA at \$7, down 60 cents; and rectified cananga oil at \$9, down 55 cents.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, March 24

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIA-TION, Central hotel, at 8 p.m. Talk on "The Photographic Dealers' Association."

British Pharmaceutical Students' Association, Chelsea College of Science and Technology, Manresa Road, London, S.W.3, at 7 p.m. Reception of delegates to annual conference; social evening

NORTH STAFFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, North Stafford hotel, Stoke-on-Trent, at 7,30 p.m., Film show by Mr. G. R. S. Mee (Branch chairman).

WEST MIDDLESEX BRANCH, NATIONAL PHARMACEU-TICAL UNION, The Feathers hotel, Ealing Broadway, at 8 p.m. Election of local C.F. action committee. Address by Mr. W. Talvan Rees,

Tuesday, March 25

BRITISH PHARMACEUTICAL STUDENTS' ASSOCIATION, Chelsea College of Science and Technology. At 9.15 a.m., film show; at 11, Mr. C. Morton (head of Chelsea School of Pharmacy) on "Degree or Diploma"; at 12, lunch; at 1.30 p.m., executive committee report; at 3, Mr. P. Galvin (poet and author) on "Two Half Hours"; evening, trips.

Sheffield Branch, Pharmaceutical Society, Grand hotel, at 8 p.m. R A. G. Savigear (Geography Department, Sheffield University) on "West African Landscapes" (illustrated talk).

Wednesday, March 26

BRITISH PHARMACEUTICAL STUDENTS' ASSOCIATION, Chelsea College of Science and Technology, At 9.15 a.m., symposium on "Degree or Diploma" (opened by Mr. C. W. Maplethorpe (chairman, Pharmaceutical Society's Education Committee)); at 12, lunch; at 1 p.m., works visits; at 8, theatre visit,

HARROGATE BRANCH, PHARMACEUTICAL SOCIETY. At 4.30 p.m., depart from art school, Victoria Avenue; at 5.30, tea in Leeds; at 7, theatre visit.

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, Chelsea College of Science and Technology, Manresa Road, London, S.W.3, at 7 p.m. Dr. F. L. Rose on "Chemotherapy."

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, NOTTINGHAM BRANCH, and NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, joint meeting at Church House, Park Row, Nottingham, at 7.30 p.m. Mr, A. H. Marrow (County health education officer) on "Sleep and the Problems of Sleep."

Thursday, March 27

Bristol Branch, Pharmaceutical Society, Old Council House, Corn Street, Bristol, 1, at 7.15 p.m. Mr. P. F. Hornby (chemist, Bristol Waterworks Co.) on "The Chemist in a Water Undertaking."

BRITISH PHARMACEUTICAL STUDENTS' ASSOCIATION, Chelsea College of Science and Technology. At 9.15 a.m., Mr, F. W. Adams (a secretary and the registrar of the Pharmaceutical Society) on "The Work of the Society's Council"; at 11, business session; at 12, lunch; at 1.30 p.m., business session; at 6.30, at Kensington town hall, conference dinner followed by the annual ball of Chelsea Pharmacy Association.

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.45 p.m. Annual meeting and address "Looking Backward — the Materia Medica of Other Days," by C. G. Drummond (a member, Scottish Department Executive).

HULL CHEMISTS' ASSOCIATION and BRANCH, Smith & Nephew, Ltd., Neptune Street, at 2.30 p.m. Works visit.

OLDHAM BRANCH, PHARMACEUTICAL SOCIETY, café Monico, Union Street, at 7.30 p.m. Mr. J. B. Lloyd (chief pharmacist, Manchester Royal Infirmary) on "A Review of Pharmacy."

WESTERN [LONDON] PHARMACISTS' ASSOCIATION

and Branch, Connaught Rooms, Great Queen Street, London, W.C.2, at 6 p.m. Annual dinner and dance.

Friday, March 28

British Pharmaceutical Students' Association, Chelsea College of Science and Technology. At 9.15 a.m., Mr. J. P. Hall (lecturer in pharmaceutics, Chelsea School of Pharmacy) on "Wines"; at 11, "Brains' Trust"; at 12, lunch; at 1.30 p.m., final session; election of officers.

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Griffin hotel, at 8 p.m. Annual dinner.

Advance Information

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RE-SEARCH, International High Polymer Conference, Nottingham, July 21–24. Applications for registration (fee 70s.) should be made to the Conference, 5 Regent Street, London, S.W.1.

Norwood Technical College, Knight's Hill, London, S.E.27, at 9,15 a.m. on twelve Saturday mornings commencing April 19. A course of lectures on micro- and semi-microchemical methods in chemistry. The course is designed to survey the principal branches of chemistry in which small-scale methods have been successfully applied, and the lectures cover the following topics: Scope, aims and achievements of small-scale techniques; design and construction of simple apparatus; semi-micro and micro-organic preparations; semi-micro inorganic qualitative analysis; sm-ple chemical microscopy; micro- and semi-micro organic quantitative analysis; small-scale techniques for the determination of molecular weight, etc. The course is suitable for teachers wishing to introduce modern techniques into advanced and scholarship level and degree courses. Application forms and a detailed syllabus of the lectures and practical work may be obtained from the secretary of the College, Fee for the course is £1.

PRINT AND PUBLICITY

COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies. Where known, the number of appearances of the product during the week is shown in parentheses.

March 30 to April 5

Alka-Seltzer (2). Anadín (3). Andrews liver salt (3), Anestan (1). Beecham's pills (1), Bristow's lanolin shampoo (1). Cadum toilet soap (1). Christy's lanolín face pack (1), Colgate brushless shave cream (2). Colgate dental cream. Dabítoff (1). Damaskin all-purpose skin food (2). Dinneford's magnesia (1). Disprin (2). French's bird food (2). Fynnon salts (1). Gibbs' S.R. tooth-paste (7). Gillette razors and blades (2). Harmony hair eolorant (1). Maeleans indigestion remedies (3), Macleans tooth-paste (1). Max Factor (1). Milk of Magnesia (1), Od-Dedent denture cleanser (2). Optone eye-drops (1). Optrex eye lotion (1). Punch and Judy children's tooth-paste (2). Ramer sponges (1). bix shampoo (2). Sky tooth-paste (2), Sunsilk shampoo (3), 1001 cleaner (1). Thru (1), Trojan soap-filled pad (2), Vaseline hair cream (1), Vaseline liquid shampoo (1), Williams Lectric shave (1).

NORTH

Alka-Seltzer, Anadin (2). Andrews liver salt (3). Astral soap (3). Beecham's pills (1). Beecham's powders (1). Bristow's lanolin shampoos (1). Cadum toilet soap (1). Cephos (4). Christy's lanolin face pack (3). Colgate dental cream (1). Dabitoff (1). Disprin (2). Eno's fruit salt (1). French's bird food (2). Fymnon salt (2). Gibbs' S.R. tooth-paste (10). Gillette razors and blades (2). Harmony hair colorant (1). Hiltone (1). Horlicks (1). Ibcol (1). Loxene medicated shampoo (2). Maclean's indigestion remedies (1). Maclean's tooth-paste (1). Max Factor (1). Milk of Magnesia (1). Moorland indigestion tablets (1). Palmolive (1). Persomnia (1). Rainette hair lacquer (2). Sebbix shampoo (1). Setlers (1). Silvikrin hair cream (1). Sunsilk shampoo (4). 1001 cleaner (1). Thru (1). Trojan soap-filled pad (1). Zoflora (1).

MIDLAND

Alka-Seltzer (1), Anadin (3), Andrews liver salt (3), Anestan (1). Astral soap (1), Beauty-Flo (2). Bristow's lanolin shampoo (2). Cadum toilet soap (1). Christy's lanolin face pack (1). Colgate dental cream (1), Dabitoff (1), Disprin (2), French's bird food (2), Fynnon salt (1), Gibbs' S.R. tooth-paste (10), Gillette razors and blades (2), Harmony hair colorant (1). Ibcol (4), Macleans indigestion remedies (1). Macleans tooth-paste (1), Max Factor (1), Milk of Magnesia (1), Palmolive soap (1), Potter and Moores Beauty-Flo foundation cream (2), Punch and Judy children's tooth-paste (1). Sebbix shampoo (2), Slivikrin (1), Snowfire wave set (2). Sunsilk shampoo (3), Swansdown

lip-glow (1). Thru (1). Toddilox (1). Trojan soap-filled pad (1). Tru-gel (1). Valderma (2). Vaseline hair cream (1). Williams Lectric shampoo (1). Wonderpuff (5). Zoflora (1).

SCOTLAND

Alka-Seltzer (1). Anadin (2). Andrews liver salt (3). Askit (6). Beecham's pills (2). Beecham's powders (1). Bristow's lanolin shampoo (1). Cadum toilet soap (1). Colgate dental cream (1). Dabitoff (1). Eno's Fruit Salt (2). French's bird food (2). Gillette razors and blades (2). Loxene medicated shampoo (1). Macleans indigestion remedies (2). Macleans tooth-paste (2). Max Factor (1). Milk of Magnesia tablets (1). Mil-par (1). Palmolive (1). Persomnia (1). Sanatogen (1). Sebbix shampoo (2). Swansdown skin glow (1). 1001 cleaner (4). Thru (1). Trojan soap-filled pad (1). Tru-gel (1).

WALES

Alka-Seltzer (6). Anadin (3). Andrews liver salt (4). Cadum toilet soap (1). Dabitoff (1). French's bird food (2). Fynnon salt (1). Gillette razors and blades (2). Harmony hair colorant (1). Ibcol (4). Loxene medicated shampoo (1). Macleans indigestion remedies (2). Mac'eans tooth-paste (1). Max Factor (1), Milk of Magnesia (1). Milton (2). Palmolive (1). Safada cream shampoo (3). Silvikrin hair cream (2). Snowfire wave set (1). 1001 cleaner (1). Trojan soap-filled pads (1).



COUNTER DISPLAY: Using the eye-catching "mask" motif featured in the company's current advertisements, D. & W. Gibbs, Ltd., Hesketh House, Portman Square, London, W.1, have produced for their Sunsilk shampoo the counter display shown above. A feature of the display is a tray at the back, from which the trader can serve both liquid and cream sachets.



WIRE WORM: A " gravity-fed " stand designed by Mr. A. A. A. Radelyffe, M.S.I.A., and manufactured by Displaywork, Ltd., 12 Henrietta Street, London, W.C.2, for Antepar elixir (Burroughs Wellcome & Co.). The upper front wire is twisted to continue the worm effect of the pack design.

PRESS ADVERTISING

FASSETT & JOHNSON, LTD., 86 Clerkenwell Road, London, E.C.I: Clair de Lune. In Vogue, Woman, Woman's Own and Woman and

Macleans, Ltd., Great West Road, Brentford, Middlesex: Sun-Orange Quosh, In Daily Express, Daily Mirror and other newspapers, RACASAN, LTD., Ellesmere Port, Cheshire: Raca-

san in Daily Express.

PUBLICATIONS

Medical Propaganda

Manufacturers' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists. GEIGY PHARMACEUTICAL Co., LTD., Wythenshawe, Manchester, 23; "Butazolidin in superficial phlebitis" (12-p. booklet); "Teevex" (4-p. folder).

GLAXO LABORATORIES, LTD., Greenford, Middlesex: "Immunological preparations" (summary card); "Biotexin"; "Crystamycin"; "Cytacon"; "Cytamen"; "Ef-Cortilan eye and ear preparations"; "Ef-Cortelan injections"; "Fersolate"; "Mylipen"; "Predasin"; "Seclopen" (information cards).

LLOYD-HAMOL, LTD., 11 Waterloo Place, London, S.W.1: "Anabolex" (8-p. booklet).



A STAND IN CARDBOARD: Shifton (Great Britain), Ltd., 160 Piccadilly, London, W.I, have produced the stand illustrated. In the Shul-ton red with the shop medallion and platform in Shulton blue, it takes a variety of products arranged to the liking of the retailer. PARKE, DAVIS & Co., LTD., Staines Road, Hounslow, Middlesex: "Middeel"; "Sytron" (information cards).

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagonham, Essex: "Ansolysen"; "Brulidine" (blotters); "Largactil" 4-p. folder; "Stemetil"; "Sulphatriad" (information cards); calendar blotter (6-p.).

SAVORY & MOORE, Ltd., 60 Welbeck Street, London, W.1: "Vandid" (Carnegie) (6-p. folder).

WARD, CASSENNE, LTD., Berkeley House, 15

Hay Hill, London, W.1: "Rhinocort" (6-p.

Catalogues

ARMOUR LABORATORIES, Hampden Park, Eastbourne, Sussex: Surgical ligatures and sutures.

Periodicals

BRITISH PRODUCTIVITY COUNCIL, 21 Tothill Street, London, S.W.1: B.P.C. Bulletin, No. 51, February 26, 1956, Pp. 8.

BRUCE, STARKE & Co., LTD., 5 Fenchurch Street, London, E.C.3: Dragoco Report No. 1, 1958. Pp. 24.

C. & D. WEEKLY LIST OF PRICES

A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Price; *=Tax 30 per cent.; I = Tax 60 per cent.; T = Tax 90 per cent.

CARNEGIES OF W TORS: SAVORY			Ò.).	Streamline (cot) Nursery Rhyme (cot)	31 28	4	3 11 R 3 6 R
Rhomex tablets	25 50	Doz. 33 0 60 0	I.R.P. 4 1½ A 7 6 A	Children's shapes, bear cub, dog toby, doll Children's shapes, father	60	0	7 6 F
	100	111 0	13 10½ A	bear, speed boat, car	63	4	7 11 F
CONTINENTAL L	ABORA:	Doz.	LTD. 1.R.P.	NEW PRODUCTS	ANI	P	ACKS
Entrosalyl capsules		Doz.	1.R.P.	BEAUTISALES, LTD.	ANI) P	ACKS
	50* 200 1.000	Doz. 32 3	1,R.P. 4 10½ R R		ANI 18) P	ACKS ₁

DUNCAN, FLOCKHART & CO., LTD. Haemamol d.sp. pack 2 oz. 2 4 R Haemamol d.sp. pack 2 oz.

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD.
Thalazole brand phthalyl-sulphathiazole 0.5 tablets 1.R.P. 3 6 11 6 52 6 21 6 .P. 0 R 0 R 6 R 6 R 6 R 0 R 100 500 powder 100 gm. 500 gm. 4 fl. oz. suspension 40 fl. oz.

P.A.T.A. LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)

WILLIAM FREEMAN & CO., LTD. Suba-Seal hot-water bottles;

No. 4 Giant
No. 3 Streamline
No. 3 Comet 84 No. 3 Comet Suba-Luxe (covered) Old English lavender lady Suba-Flora (perfumed) Suba-Maid (with handle) Pennant No. 3 (screw type) Streamline junior No. 2 Sleepyhead No. 2 Sleepyeyes No. 2 (screw 52 52 6 6 3 type) 38 3 4 3 R Suba-Luxe Cot (cot or pram)

Nursery Rhyme (cot)	28	0		6	R
Children's shapes, bear cub, dog toby, doll Children's shapes, father	60	0	7	6	R
bear, speed boat, car	63	4	7	11	R

Shampoo	10	-7	-	,
CRYSTAL PRODUCTS CO	LT	D.		
Outdoor Girl series:-	.,			
First and Last†			3	9
Night Extra†			3	9
Deep Clean			3 3 3	9
Wake Up†			3	9
DEB CHEMICAL PROPRIE Gwish fire extinguisher	TARI	ES,	LTD.	
aerosol			12	11
DENDRON DISTRIBUTORS	S, LT	D.		
Wate-on	140	0	17	6
B. N. FURMAN (PRODUC	FLONI	21 E	TD	
Shampoo, double sachet*	3		0	7
	3	_	Ü	,
GENATOSAN, LTD.				
Genacort lotion				
0.25 per cent. 20 mils	54	0	6	9
RIMMEL, LTD.				
Oatmeal beauty pack				
(twin sachet)†	6	8	1	4
SANDOZ PRODUCTS, LTI				
Sandosten Calcium-Sandoz	Ea	ch		
eff. tabs. 20	4		7	0
100	19	8	29	6
SMITH & NEPHEW, LTD.	(00			۵)
SMITH & NEFREW, LID.	Do		u not	e)
Perdilatal forte tablets 50	54		6	9
250	174	0	21	
1,000	540	0	67	6
SPONCEL, LTD.				
Celto sponge*	12	9	1 1	11
• -				-
A. WANDER, LTD.	2.1		2	
Diabetic biscuits $\frac{1}{2}$ lb. JOHN WYETH & BRO., L 3		0	2	0
Aludrox co. tablets* 48	36	0	4	11
Thiomerin ampoules 6	30	0	24	
amomerm ampoures 0				

C. & D. RETAIL AND DISPENSING PRICE LIST

(Individually wrapped unless otherwise stated)

(,,,								
Surgical dressings	1 in. s. d.	$1\frac{1}{2}$ in s. d.	2 in. s. d.	$2\frac{1}{2}$ in. s. d.	3 in. s. d.	$3\frac{1}{2}$ in. s. d.	4 in. s. d.	6 in. s. d.
Bandages: — Domette,								
B.P.C., 6 yd. Flannel,	~	dermounts.	_	2 10	3 4	_	4 5	6 7
B.P.C., 4 yd.	-	_	.—	3 11	4 8		6 2	9 2
Flannel, B.P.C. (unwrapped)			•					
6 yd	- 1	_	4 7	5 8	6 10		9 1	_
			$\frac{1}{2}$ oz. s. d.	1 oz. s. d.	2 oz. s. d.	4 oz. s. d.	8 oz. s. d.	1 lb. s. d.
Wool:—(not interleaved) Absorbent cotton, B.P.C Absorbent cotton, Hospital			= (0 8	1_2	1 10 1 4	3 6 2 6	6 7 4 7
Lints:— Absorbent, B.P.C		*** ***	Size 1	1 0 Size 2	1 9 Size 4	3 0 Size 8	5 8 Size 16	11 0
Boric, B.P.C Gauze:—			$0 7\frac{1}{2}$ yd.	1 1 1 yd.	1 11 3 yd. 2 0	3 3 6 yd. 3 4	6 2	
Absorbent, B.P.C	, 50 111.	wide	0 7	$0.10\frac{1}{2}$	2 0	3, 4		

ANNOUNCING...

a NEW Bayer Product



For the treatment of Dandruff

Lenium contains Lorothidol, a powerful new antibacterial agent and selenium sulphide, in cream form for easy, effective control of dandruff and seborrhoea.

Lenium has been widely used for some time in Sweden, where it was developed. In a two-year period half a million tubes were sold through pharmaeists to a population only one-seventh of that of Great Britain! Now Lenium is available in this country.

Highly effective, convenient and pleasant to use, Lenium leaves the hair clean and manageable. Lenium will bring you increased business stock up NOW to meet the demand.

LENIUM

Trade Mark

2.5% selenium sulphide and 1% Lorothidol (2,2'—Thiobis [4,6—dichlorophenol]) Supplied in tubes of $1\frac{1}{2}$ oz. and 4 oz. Retail prices: 4/IId. and I2/0d. respectively.



BAYER

Bayer Products Limited

Neville House, Kingston-on-Thames, Surrey

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- ★ Will enhance your business by their smart and business-like appearance.
- * No Laundry Bills.
- * Easily washed and quickly dried.

IN SWISS WHITE AND IS SHADES

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TERYLENE

(ACID RESISTING)

AND DRILL

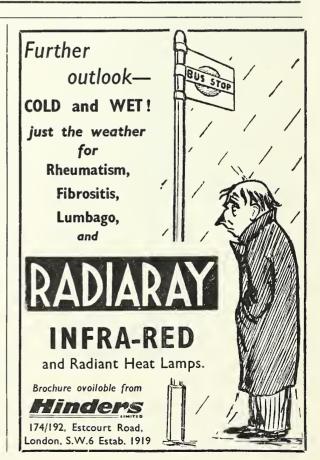


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Telephone: 2972

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The 2 oz. tumbler, graduated in teaspoons, mls. and fluid ounces.

Don't these "SKYLON" polythene printed stock mould bottles and embossed "customer specials" make a colourful display? In direct contrast we show also two most useful lines from our stock mould range.

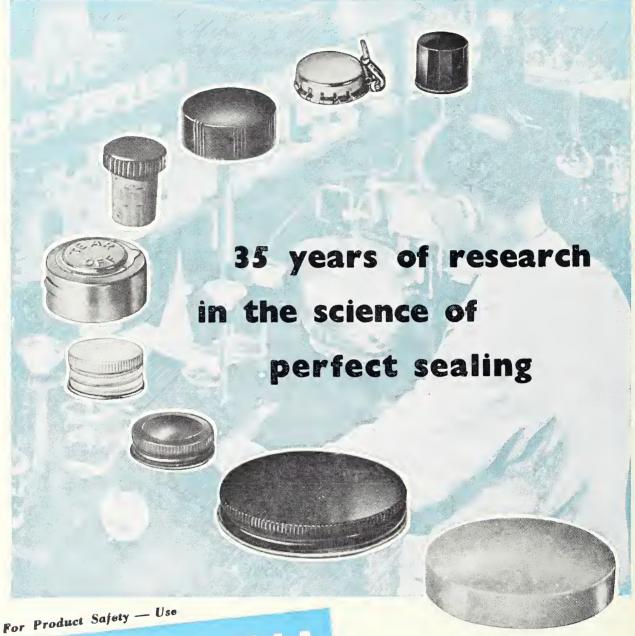
The 20c.c. or 30c.c. dropper and nasal spray bottle with polystyrene cap.

Because FIBRENYLE LTD are pioneers in the manufacture of polythene bottles and jars their 'know-how' is invaluable to those wishing to package in polythene. 'SKYLON' Technical Representatives are available to help and advise.



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Yes! There before your customer's very eyes will be our biggest ever nation-wide T.V. campaign. Featuring easy-to-follow demonstrations, it provides a really powerful medium for showing 1001 in action! Customers will respond immediately. Be ready for them! Write now for full details of 1001

 the family's favourite allround cleaner.



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NUCTA CREAM SHAMPOO

Delightfully perfumed and with exceptional lathering and cleansing power.

> THERE IS A NEW SMALL SIZE IN AN UNBREAKABLE PLASTIC TUB.

SELLING AT THE ATTRACTIVE PRICE OF 1/3 AND SUFFICIENT FOR THREE SHAMPOOS

> ALSO AVAILABLE WITH EGG AND LEMON.

> > (Packed in boxes of 2 dozen tubs)

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JARVIE'S QUININE is well known because behind its manufacture a great deal of highly specialized work has been carried out under most modern conditions. The pure clear water of Scottish Lochs is used solely in the crystallization of JARVIE'S QUININE SALTS.

It has been famous for more than half a century.

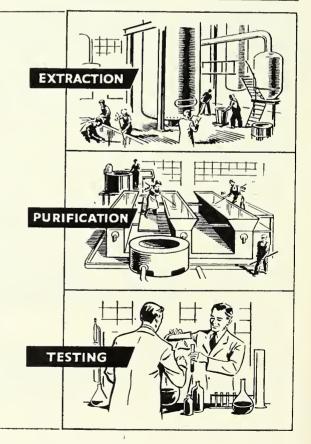
H. JARVIE & CO. LTD.

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Grams: "TOILET" Coatbridge

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Retail price 4/6 per bottle. Trade price 22/6 per dozen plus 90% tax.

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SEMI-PERMANENT HAIR COLOURING

The effects last through 6 to 8 shampoos

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BEER SHAMPOO

a special Blend for BRUNETTES which helps to attain that much sought after high gloss so necessary with either natural or tinted BLACK hair.

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is specially packed for those who desire the invigorating effect of wine and spirit with a lovely FRENCH PERFUME.

MEDICATED SHAMPOO

a hair health shampoo free of all harsh antiseptics. Based entirely on the Pure Natural Oils of the Pine and Ti-Trees is delightful to use and assures a clean healthy scalp.

These three shampoos are in double sachets giving sufficient for 2 complete shampoos. Smart and colourful packs. Price 3/9 doz. plus 1/2 P.T.

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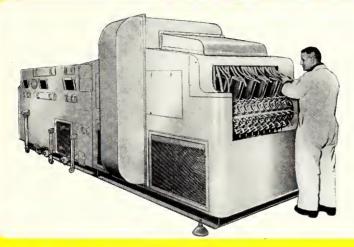
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Designed specially for Chemists' bottles yet suitable for all trades, Powleys "SPARTAN" Hydro Bottle Washer-Dryers give outputs ranging from 2160 bottles per hour, and take up very small floor space. Whatever has been in your bottles "SPARTAN" washes and dries sparkling clean.

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ALUMINIUM GLYCINATE · CHLORAL HYDRATE POTASSIUM IODIDE AMINOPHYLLINE PIPERAZINE SALTS · CITRATES

SOLE U.K. AGENTS FOR SIEGFRIED LTD AMIDOPYRIN · BARBITURATES · BENZOCAIN · NIKETHAMIDE

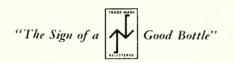
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- Black Plastic or White Enamelled Caps.
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- Available in the following sizes:- $\frac{1}{2}$ $\frac{3}{4}$ 1 1 $\frac{1}{2}$ 1 $\frac{1}{4}$ 2 3 $\frac{1}{2}$ oz.



Suggested Packs:-

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1-oz.-50 Aspirin or 25 Codeine.

14-oz.-100 Aspirin or 50 Codeine.

3½-oz.—100 Codeine.

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Thousands of customers buy 'Benzedrex' Inhaler on impulse every year, all through the year. Order them in dozens and get a compelling display pack with an extra *free* inhaler—and put one of our stickers on your till. Our display bonus gives you nearly a shilling profit on each inhaler sold. Don't forget that for quick turnover you must display

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SALUTONE A NEW TONIC

This will prove a first class tonic, both to you and your customers.

It is a preparation of Glycerophosphates with Nucleinic Acid, Vitamin B.I, and Strychnine, forming a palatable and very effective general tonic.

It is particularly recommended for administration following influenza when the patient feels tired and depressed. Salutone helps to restore normal vitality and appetite quickly.

Note the "tonic-like" terms and C.F. symbol.

8oz. BOTTLES, TRADE: 27/8 + 8/4 P.T. Doz: RETAIL 4/6 Bottle Tax free DISPENSING PACKS: 40oz. 10/- each: 80oz. 18/6 each



PRODUCT OF Cuxson, Gerrard & Co. Ltd. OLDBURY, BIRMINGHAM

"...for Gill's I say thank you it's marvellous!"

"Willsdale" Waterdells Lane St. Ippollitts Hitchin, Herte March 16th 1957

I believe presise, where it's due, gives encouragement, and for 'Gill'e' I say "thank-you - it's marvellous!"

After only the first treatment my scalp and hair showed marked improvement, now sftsr only four champooe the dandruff is completely cleared up. I'm simply delighted with the resulte. I've tried other hrande that stated dandruff and shampoo treatment, with no results.

'Gill's' is a must in the future

Ues these few words of thanke as you will.

Sincerely,

(Signed) Helen Pringle (Mrs.)

T'S gratifying to receive a letter like this, but it's by no means unusual. The post is always bringing us enthusiastic tributes to Gill's Dandruff Remover Shampoo. Thousands of testimonials acclaim Gill's as the most effective treatment for all kinds of dandruff-powdery,

> caked or greasy-for adults and children alike. The public praise Gill's, want Gill's, demand Gill's, Keep a good stock - it's a highly profitable line!

ANDRUFF REMOVER Shampoo

Retail size bottle 2/9d. -wholesale 18/4d. per dozen. Attractive point-of-sale material available.

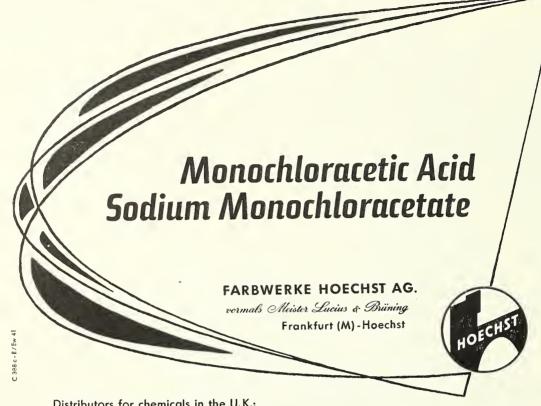
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Also made and distributed by EUGENE-GALLIA-Paris and Barcelona

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75, Piccadilly, Manchester 1, Tel. Central 2234/5



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WINDOW-DISPLAY COMPETITION

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- 2 Owen C. Wombwell, M.P.S., 38 High Street South, East Ham, London, E.6
- **3** H. Anderson, M.P.S., 7 Roker Park Road South, Sunderland

£5 'Sanatagen' windaw display.

Remember you still have more chances to win! Enter Now!

£35

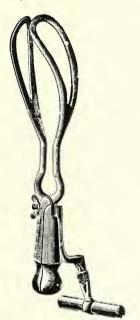
£15—'Sanatogen windaw display. £5—'Sanatagen'' counter display. £15—'Sebbix' Shampao windaw display.

£20

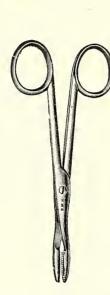
£10—'Sanatogen' windaw display. £10—'Sebbix' Shampoa window display.

Surgical Instruments

Specimens from a wide range—AT YOUR SERVICE



NEVILLE'S MIDWIFERY FORCEPS



BOW
OR SCISSOR HANDLE
DRESSING FORCEPS



CHEATLE STERILISER FORCEPS



We shall value your enquiries, and will, with pleasure, forward prices and details on request

BRITTON MALCOLM & CO. Ltd.

38 · SOUTHWARK BRIDGE ROAD · LONDON · S · E · I

WAT-4874/6

OFPENDABLE

FOR 2 MONTHS · 12½% EXTRA



ON THIS MODEST MINIMUM ORDER: 6-3/9 CARTONS AND 24-1/- TRIAL SIZE SACHETS (both in convenient display outers)

YOU WILL RECEIVE 24 SACHETS FOR THE PRICE OF 21.

This means that on this small order your profit is 13/9 as against the normal 11/6.

This offer is on any quantity of ZERO sachets above the minimum and lasts until 31st March, 1958.

FROM FEBRUARY IST NEW ADVERTISING

in selected Local Press, Woman's Weekly, Woman's Illustrated, Woman's Realm and Woman's Day will offer millions of women every week Free Trial Samples of ZERO.

ZERO THE ONLY WOOL SHAMPOO

PURCHASE YOUR STOCKS FROM YOUR REGULAR P.A.T.A. WHOLESALER

FOR CHEMISTS ONLY



CLASSIFIED ADVERTISEMENTS (Prepaid)

Specially spaced Advertisements, including:—Public and Legal Notices, Sale by Auction, Appointments, Contract Work, Patents, Partnerships, 18/- per ½ inch minimum and pro rata. Box 2/-. Clearances and Wants, Businesses for Disposal and Wanted, Premises, Agents Wanted, Agencies Wanted, Miscellaneous, 17/6 for 36 words minimum; then 4d. per word. Box 2/-. Situations Vacant, 12/- for 36 words minimum, then 4d. per word. Box 2/-. Situations Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replications Wanted, 3/- for 18 words minimum; then 2d. per words minimum; then 2d.

ORRIDGE & COMPANY

184 STRAND, W.C.2 Tel: TEMple Bar 9212/3 & 6340

CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF

PREMISES TO LET

BOREHAMWOOD, ELSTREE, HERTFORDSHIRE

Applications are invited for lease of shop suitable for chemist on main shopping centre on new housing estate accommodating some 10,500 persons, Details from Valuer (M), L.C.C., County Hall, S.E.1, WAT, 5000 Extn. 7609, (487.)

WELHAM GREEN. Shops and flats being erected in developing district. Chemist urgently wanted. Apply in writing to Day (Contractors), Ltd., 705 High Road, N.12.

BUSINESSES FOR DISPOSAL

DRUG STORE FOR SALE. Main street, S.E. eoast town. Large commodious premises with splendid living accommodation above. For sale or long lease, Established forty years, Wonderful opportunity for chemist. Write Box C 1403.

NORTHERN IRELAND. Pharmaey for sale. Derry. Stock, fixtures and fittings, £2,500 prox.). Turnover, £9,000 (approx.). Increasapprox.). Turnover, £9,000 (approx.). Increasing annually. Low rent with good lease, Audited accounts available. Owner taking up new commitments September, Offers invited. Apply Box C 1394.

BUSINESSES WANTED

AN ACTIVE Public Company wishes to pur-AN ACTIVE Public Company wishes to purchase toilet, cosmetic or proprietary medicine business preferably of substantial size although smaller, old-established business would be suitable. Will also consider other manufacturing units operating in the Chemist, Grocer or Hardware fields, Communicate in stricest confidence with Managing Director. Box C 364,

APPOINTMENTS

ALBERT DOCK SEAMEN'S HOSPITAL,

ALNWICK ROAD, E.16
Locum Pharmacist
required June 2-14 inclusive, Salary up to 16
guineas per week. Applications to the House
Governor at the Hospital.

C 7764

BARNET GENERAL HOSPITAL, WELLHOUSE LANE, BARNET, HERTS

required. Whitley salary seale with London Weighting. New well equipped department. Hospital convenient to Northern Line Station (L.T.). Applications to Hospital Secretary with details of qualifications and experience, and names of 2 referees. C 380

BETHNAL GREEN HOSPITAL. CAMBRIDGE HEATH ROAD,

LONDON, E.2

Experienced Locum Pharmacist
male or female, for an indefinite period in
modern department, commencing April 21,
1958. Applications stating age, experience.
Copies of two testimonials to Hospital Secretary

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

MANAGEMENT COMMITE
Locum Dispensing Assistants
required for the following periods:—
9th June — 21st June
16th June — 28th June
7th July — 19th July
28th July — 2nd August
25th August — 30th August
25th August — 13th September
25th August — 13th September

for duties at three hospitals within the Group, Salary up to £9 11s. 6d. per week, plus London Weighting, according to age and qualifications, Applications to the Chief Pharmaeist, St. Leonard's Hospital, Nuttall Street, London, N.1.

CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, N.W.10 Locum Pharmacist

required at the above hospital for several months from end of April, Applications stating age, qualifications and experience to Medical Director, together with names of 2 referces. Salary by arrangement.

CENTRAL GROUP HOSPITAL

CENTRAL GROUP HOSPITAL

MANAGEMENT COMMITTEE

Locum Pharmacists
required for the following periods:—
21st April — 3rd May
19th May — 31st May
9th June — 5th July
28th July — 2nd August
23rd June — 27th September
for duties at three hospitals within the Group.
Salary up to 16 guineas per week, Applications to the Chief Pharmacist, St. Leonard's
Hospital, Nuttall Street, London, N.1. C 377

FULHAM HOSPITAL,
ST. DUNSTAN'S ROAD, W.6
Assistant-in-Dispensing
Applications are invited for the above position
at Fulham Hospital. Salary according to age
and experience. Hospital is within five minutes
walk of Hammersmith Station.
Applications to Hospital Secretary, Fulham
Hospital, St. Dunstan's Road, W.6 (C, & D,
157).
C 7716

HIGHBURY HOSPITAL

BULWELL, NOTTINGHAM

Pharmacist

Applications are invited for Pharmacist, fulltime, The post offers opportunity to obtain
experience in general pharmaceutical work, Salary and conditions of service in accordance
with the Pharmaceutical Whitley Council regulations

Applications, stating age, qualifications and names of two referees, to be sent to the Hospital Secretary as soon as possible. C 7717

CITY GENERAL HOSPITAL

SHEFFIELD, 5
Senior Pharmacist (M.P.S.)
Applications are invited for the above appoint-

Salary scale £650 x £30 (6)—£830 per annum. (Additional £25 p.a. if holding higher qualification.)

fication.)

Apply giving full details of age, qualifications, experience, etc., and the names of two persons for reference to the Group Secretary, Sheffield No. 1 Hospital Management Committee, "Lyndhurst," Nether Edge Hospital, Sheffield, 11.

ESSEX COUNTY HOSPITAL, COLCHESTER Senior Pharmacist

Senior Pharmacist required at the above hospital, Salary according to Whitley Council scale, i.e., £650 x £30—£830 per annum. Interesting post, including dispensing for other hospitals in the Group. Applications, with names of two referees, should be addressed to the Secretary, Colchester Group Hospital Management Committee, 14 Pope's Lane, Colchester.

KING EDWARD VII HOSPITAL,

WINDSOR
Assistant-in-Dispensing
required urgently. Whitley salary. Apply giving
particulars and names of referees to Secretary.

LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1 Loeum Pharmacist required from April 21, 1958. Salary £16 16s. per week. Applications to the Chief Pharma-eist (Tel. No.: Stepney Green 4251). C 7715

MOORFIELDS EYE HOSPITAL, CITY ROAD,

LONDON, E.C.1

Locum Dispensing Assistant
required for the period May 19 to September
27. Salary in accordance with Whitley Council
recommendations. Applications to the Chief
Pharmacist, Moorfields Eye Hospital, City Road,
London, E.C.1.

C 7754

NAPSBURY (MENTAL) HOSPITAL MANAGEMENT COMMITTEE, Nr. ST. ALBANS, HERTS

Applications to the Group Secretary, with names of two referees, endorsed Senior Pharmacist

Applications to the Group Secretary, with names of two referees, endorsed Senior Pharmacist."

C.7747

NORWOOD HOSPITAL

(38 Beds)
Part-time Pharmacist
Three sessions of four hours each weekly. A.m. Monday, Wednesday, Friday. Rate 33/- per session. Applications, in writing, giving age, qualifications, previous experience and names and addresses of two referees, to the undersigned.

GEORGE A. PAINES, Group Secretary.

General Hospital London Road, Croydon.

Appointments—Continued

NORTH AND MID-CHESHIRE HOSPITAL MANAGEMENT COMMITTEE GROUP PHARMACY, ALTRINCHAM GENERAL HOSPITAL

HOSPITAL
Senior Pharmacist
Applications are invited for the above post (Category IID). Whitley Council salary £650 to £830 per annum and conditions of service. Special allowance of £25 per annum also payable to candidates possessing higher than normal pharmaceutical qualification.
Apply to Group Secretary, The Hospital, Sinderland Road, Altrincham, Cheshire, stating age, qualifications and experience. C 7753

PINDERFIELDS GENERAL

PINDERFIELDS GENERAL
HOSPITAL, WAKEFIELD
Assistant-in-Dispensing
required. Apothecaries' Hall Certificate preferred. Whitley Council salary scale applies.
Address written applications, giving full personal particulars and two names and addresses
for reference, to W. Bowring, Group Secretary,
Pinderfields General Hospital, Wakefield.
C 7752

PINEWOOD HOSPITAL, NINE MILE RIDE, WOKINGHAM, BERKS

WOKINGHAM, DENNE Locum Chief Pharmacist required from August 25 to September 13. Salary £16 16s. per week, Residential accom-modation available, £135 p.a. Applications to C 7741

ROYAL BERKSHIRE HOSPITAL, READING

(Category V)
Scnior Pharmacist and Pharmacist
required in Group Pharmaceutical Department,
facilities for obtaining wide experience in pleasant surroundings. Staff of eleven, No Sunday
duties, frequent 5-day weeks. Apply giving the
names of two referees to Group Pharmacist.
C 369

SOUTH WEST DURHAM HOSPITAL MANAGEMENT COMMITTEE.

COMMITTEE,
HOLYWOOD HALL HOSPITAL,
WOLSINGHAM
Chief Pharmacist (Category II)
required, Salary £725 to £990 per annum plus
£25 if holding higher qualification, N.H.S.
conditions and superannuation. Application
forms from the undersigned to be returned immediately. forms from immediately.

K. G. T. LUXFORD, Group Secretary/Finance Officer

THE UNITED BIRMINGHAM HOSPITALS, THE QUEEN ELIZABETH HOSPITAL,

ELIZABETH HOSPITAL,
EDGBASTON, BIRMINGHAM, 15
Pharmacist
Applications are invited from pharmacists for a resident post providing a unique introduction to Hospital Pharmacy, Encouragement is given to useful research, Salary in accordance with Whitley Council scales, less a deduction of £140 per annum for full board residence. Applications giving names of two referees, to the Chief Pharmacist.

THE LONDON HOSPITAL,

WHITECHAPEL, E.1

Registered Pharmacist

Salary £580 x £30 (6)—£760 x £25 (1)—£785
according to previous experience and service.
Accommodation available for women staff, if required, in hotel in Kensington run by the hospital, Write to House Governor. C 379

THE UNITED BIRMINGHAM HOSPITALS, THE QUEEN ELIZABETH HOSPITAL,

ELIZABETH HUSTITAL,
EDGBASTON, BIRMINGHAM, 15
Pharmacist
Applications are invited for appointment in the
Hospital Pharmacy, Salary in accordance with
Whitley Council scales, Applications giving
names of two referees to the Chief Pharmaeist.

C 7749

WEST MIDDLESEX HOSPITAL,

ISLEWORTH, MIDDLESEX
Assistant-in-Dispensing
required in pharmaceutical department for varied duties, Salary £395 per annum at age 22 rising to £520 (additional payment of £20 per annum for suitable qualification), 39-hour week, 3 weeks' holiday. Also one for part-time. Apply giving names of 2 referees to Chief Pharmacist.

WEST MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX Pharmacist for main pharmaceutical department. Salary £580—£785 per annum plus London Weighting. Whitley conditions and assimilation point in salary scale according to experience. Also one for part-time, Apply giving age, qualifications, experience, names of referees to the Chief Pharmacist. C 7762

HEALTH CENTRE

SWINDON HEALTH CENTRE

Deputy Chief Pharmacist
Applications invited from pharmacists for superannuable appointment of Deputy Chief Pharmacist at above Health Centre.
Salary on scale £675—£910 p.a.—39-hour week.
Living accommodation may be available if required.

Living accommodation in particular quired.

Applications stating age, qualifications, experience and names and addresses of three referees to be sent as soon as possible to the Clerk of the Council, County Hall, Trowbridge.

C 367

EDUCATIONAL TEACHING APPOINTMENTS THE UNIVERSITY OF **MANCHESTER**

MANCHESTER

Assistant Lecturer in Pharmacology

Applications are invited from sc'ence graduates or from persons who are medically qualified for the above post in the Faculty of Medicine. Salary scales per annum are (a) for medically qualified persons, £900 x £100 to £1,300; (b) for non-medically qualified persons, £700 x £50 to £850. The posts offer opportunity for research leading to a higher degree. Membership of F.S.S.U, and Children's Allowance Scheme. Applications should be sent not later than April 19, 1958, to the Registrar, The University, Manchester, 13, from whom further particulars and forms of application may be obtained.

C7733

SITUATIONS VACANT RETAIL HOME

£25 PER WEEK plus commission. Pharmacist required as Superintendent Manager for busy S.W. London Pharmacy. Large staff. Apply Box C 381.

BEDFORD, Pharmacist Manageress wanted.
Good-class family-type business. Interesting position with private Company (3 pharmacies). Superannuation and life insurance scheme, Apply giving full particulars to: Directors, Taylor Brawn & Flood, Ltd., 71 High Street, Peciford.

C 1405 Manageress wanted.

EAST LONDON. Pharmacist, ambitious and hardworking, required. To establish and manage very modern new pharmacy (shopfitting should be complete in 2-3 months). New 3-bedroom maisonnette (rent and rates free) available above shop. Superannuation can be arranged. Very good salary, bonuses and expenses will be paid to right person. Apply: B. G. Sinclair, M.P.S., 50 Ben Jonson Road, Stepney, E.1.

EAST LONDON. Lady counter assistant required for full- or part-time work in pleasant family type pharmacy. Three other young ladies on staff. Very good wages, Permanent position. Apply: B. C. Sinclair, M.P.S., 50 Ben Jonson Park Stopper File. Apply: B. C. Sinclar Road, Stepney, E.1.

LEYTONSTONE. Chemist required to manage a substantial business. There is a good supporting staff and the salary will be commensurate with the responsibilities. Applications giving full details to Box C 1388,

N.W.6. Competent counter assistant required, preferably with knowledge of dispensing. State salary required. Box C 1397.

OLDHAM CO-OPERATIVE CHEMISTS, LTD., invite applications for position of pharmacist branch manager. Accommodation—modern house made available, if necessary. Superannuation. Salary and rota fees £930. Applications, stating age, experience, etc., to Oldham Co-operative Chemists, Ltd., King Street, Oldham. C 1401

PADDINGTON, W.10. Experienced managing pharmacist required for a business which offers scope for extension and development. There is a substantial salary structure, along with other benefits, Applications in first instance to Box C 1389.

RETAIL (OVERSEAS)

A VACANCY will shortly occur for pharmacist (British qualification) as Branch Manager in West Africa with British company. Age under 35 years, preferably single. Progressive salary. Tours of eighteen months, Leave on full pay. Contributory pension scheme. Low income tax. Passage paid out and home. Free furnished accommodation in West Africa. Initial kit allowance, Reply giving full details, age, experience, etc. Box C 1399.

WHOLESALE

ABBOTT LABORATORIES LIMITED invite applications from pharmacists for a position in their development section concerned with new pharmaceutical formulations. Preference will be given to candidates with B.Pharm. degree or equivalent who have recently qualified and possess keen interest in inventive work. Five-day week, pension scheme, etc. Apply to: The Secretary, Abbott Laboratories Limited, Bede Trading Estate, Jarrow-on-Tyne, reference H.L.

ALLEN & HANBURYS, LTD., Ware, Herts, require the services of a young pharmacist recently qualified or with one or two years' recently qualified of with one of two years experience, for interesting production work, A five-day week operates and the post is pensionable. Applications in writing giving full details of age, qualifications and experience to Personnel Manager.

ANALYST wanted for analytical and research work by old-established manufacturing company in Liverpool area. Pharmaceutical qualification minimum and experience desired. Fiveday week, pension scheme, Full details with application to Technical Director, Box C 7707.

ALLIED LABORATORIES LIMITED

Medical Representatives required for:
1. Cheshire,
2. Staffordshire (Resident Black

2. Staffordshire (Resident Black Country).

These are established areas and previous experience is desirable but not essential. A sound medical or pharmaceutical background, current driving licence and residence in the territory are necessary. Remuneration is by salary, commission and expenses, and Company car provided. Life Assurance/Pension Scheme in operation. Full details, including career to date, to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, London, W.1.

CARLTON LABORATORIES, LTD., require a Medical Representative for Yorkshire and co. Durham. Preference will be given to experienced man. Must live on the territory. Excellent prospects for the right man, Salary, expenses, and bonus. Please state if own car, to Sales Director, 2 Norfolk Square, Brighton, Sussex. C 1378

LIMITED, manufacturers Skylon Polythene containers, require representa-tives in the Yorkshirc and Lancashire areas. To call on manufacturers and wholesalers on a salary and commission basis. Please write in confidence to: Mr. R. K. Amigo, 157 Dukes Road, Western Avenue, Acton, London, W.3. C 7751

COATES & COOPER LTD.

Vacancies exist on their representative staff for the following areas:

- 1. South London.
- 2. South Wales.

The positions carry generous salary and commission, company car provided, pension scheme in Details of education and business experience to Coates & Cooper Ltd., Pyramid Works, West Drayton, Middlesex.

C 7755

FOR SALE

Due to Factory Reorganisation COMPLETE TABLET MANUFACTURING PLANT

. . . with capacity of over 150 million Tablets per annum for sale together with leasehold premises situated in S.E. London, if required. Main portion of equipment consists of modern Mannett Machines in the standard of the standard stand Manesty Machines including Rotaries, Single-punch Machines, Rotograns and "H" Mixers. Offers required for whole or in part.

Apply to:

EUCRYL LTD., OAKLEY ROAD, SOUTHAMPTON C 7765

C. L. BENCARD LTD. Medical Representative

This British Company wishes to appoint a medical representative in a territory comprising:

Oxfordshire, Buckinghamshire, Berkshire, Wiltshire This congenial territory has been consistently worked and a very good connection exists. A man of outstanding personality and ability is required who will make a career with the Company and who has some pharmaceutical or medical background. Applicants should preferably be under 35 years of age, hold a current driving licence and be willing to reside on the territory. The Company will pay a good salary commensurate with previous experience, and will provide a car and all expenses. Non-contributory pension and profit participation schemes are in operation.

Written applications with full details should be posted

Written applications with full details should be posted in confidence to The Sales Manager, C. L. Bencard Ltd., Minerva Road, Park Royal, London, N.W.10. C 7687

DUNCAN, FLOCKHART of EDINBURGH

require a representative for each of the two following areas:

Glasgow and the West of Scotland.
 London, W, and some S.W. postal districts.

The work consists of promoting the use of the Company's ethical products among prescribers and buyers. This old-established British Company is rapidly expanding its research and promotion activities. The positions advertised offer a good salary (based on age and experience), all legitimate travelling expenses, and a contributory pension. A car is provided. Please address your applications to the General Manager, Duncan, Flockhart & Co., Ltd., Wheatfield Road, Edinburgh, 11, marking it Confidential."

Situations Vacant—Continued

LEDERLE LABORATORIES DIVISION,

CYANAMID OF GREAT BRITAIN, LTD.,

require a
MEDICAL REPRESENTATIVE

MEDICAL REPRESENTATIVE for the Glasgow and S.W. Scotland area. Applicants, age 25-35, should have a pharmaceutical background, and selling experience would be an asset. Remuneration is by salary, with Prize scheme, expenses, company car, pension scheme. Fully-detailed applications, which will be acknowledged, should be addressed, in complete confidence, to Personnel Manager, Cyanamid of Great Britain, Ltd., Bush House, London, W.C.2. C 7750

MEDICAL REPRESENTATION as a career. The Vitamins Group have two vacancies (in North London and Scotland) still available, for its 1958 training course commencing April. Applicants should hold G.C.B. (preferably including chemistry and biology) have a knowledge of medical terminology, and be scriously interested in medical representation as a permanent career. Age limit 24 to 28. Representatives will be appointed to permanent territories, where they will call on General Practitioners, Consultants, Hospital Pharmacists, Retail Pharmacists, etc. Good appearance and speech essential. A company car is provided and all applicants must possess current driving licence. Entry to superannuation scheme after one year's service. Apply in writing to Personnel Manager, The Vitamins Group, Upper Mall, London, W.6, giving full details of previous education and experience.

PROCESS WORKERS. experienced in galenicals, required by London manufacturing chemists. Apply to factory manager. Box C 7766.

PROMINENT London manufacturers and distributors of nationally advertised pharmaceutical and toilet preparations have vacancy for a pharmacist to supervise manufacturing. Position offers attractive career with non-contributory pension scheme. Applications in writing treated in strict confidence stating age, experience to Box C 7768.

PUBLICITY MAN required by wholesale chemists, Lancashire, for production of catalogues, display material, sales promotion, literature, etc. State age, experience, salary required to Henry Pybus, Ltd., Spinney House, Church Street, Liverpool.

MEDICAL REPRESENTATION

PHARMACISTS or men with extensive Pharmaceutical backgrounds are invited to apply for appointments as Medical to apply for a Representatives.

Representatives.
The main requirements are a knowledge of modern therapeutics, pharmacy and selling. In addition, enthusiasm, imagination and integrity are essential.
The Company offers a good basic salary in addition to a pension and lifte cover, provides a car and operates a bonus scheme.
When applying please give full details of self and career to date and state which area of the United Kingdom you are interested in. Replies to Box C 7739.

SALES MANAGER

required, as a replacement, by the Pharmaceutical Division of a leading Anglo-American Chemical Company (Central London).

He would control a large Sales force, and would be given all necessary support.

Candidates, preferably aged 35-45, and graduates, should have Sales managerial experience in pharmaceuticals.

Commencing salary about £2,000 p.a., subject to negotiation.

Excellent contributory Pension Scheme, and other benefits.

Fully-detailed applications (which will be acknowledged) should be addressed, in complete confidence, to Box J 4099, A.K. Advg., 212a Shaftesbury Avenue, London, W.C.2. C 7740

TECHNICAL ASSISTANTS

APPLICATIONS are invited for posts in the Pharmaceutical Development Department of Genatosan Limited, Candidates should have an intermediate academic standard in pharmacy or chemistry, should not be over 25 years of age and should have had some laboratory or dispensing experience, One of the vacancies is for work in a new product development laboratory; the other will be for development and research work on packaging materials in a recently established section dealing with a wide variety of packs for pharmaceutical and toiletries. These positions call for keenness and precision and will provide an opportunity to gain experience in new fields. Attractive conditions of employment will be provided. APPLICATIONS are invited for posts

Applications in confidence, should give details of age, education and experience and should be addressed to the Personnel Officer, Genatosan Limited, Derby Road, Loughborough, Leics. Please quote reference No. 35. C 7727

Situations Vacant—Continued

SALES REPRESENTATIVE with good chemist connection required by well-known high-quality soap and rolletries house for North London and the Home Counties. Salary, commission and pension scheme, Car provided, Apply to Box C 7757.

TABLET COATER required, must be able to turn out consistent high-class work from a modern plant. Both white and colour work. Five-day week, pension scheme, canteen, etc. Apply stating salary required to Box C 7745.

WANTED: Assistant lady chemist with qualifications or experience for the analysis of food and drugs in a factory in pleasant surroundings in the Watford district, Five-day week, canteen and recreational facilities. Please write giving all details and salary required to Box C 7738.

AGENTS WANTED

A FEW first-class counter-selling specialities, including two sell-on-sight summer lines (alleviate toilet products' 30 per cent, tax) offered to regional or national agents or distributors by established firm. State area covered and other agencies held, Box C 1404.

SITUATIONS WANTED WHOLESALE

REPRESENTATIVE seeks change. Ten years' connection with chemists in all parts of London and Eastern Counties, Experienced proprietaries, sundries. Box C 1368.

AGENCIES WANTED

IRELAND. Well-known established firm of distributors in the Republic of Ireland offers active representation with complete coverage of the wholesale and retail trade for pharmaceutical, toilet and allied preparations, Facilities also available for packaging, Box C 7767.

WELL-KNOWN, established firm of manufacturers and distributors covering the Union of South Africa and the Central African Federation, and having own modern factory, offices and depois at all principal centres and a first-class sales force of twenty salesmen, invite enquiries from interested manufacturers. Box C 1364.

BUSINESS OPPORTUNITIES

ADVERTISER with room for expansion is interested to purchase outright small proprietary or toilet business with some distribution, or would consider selling product under licence or on royalty basis. Please phone Mr. A. Rodell, Elmbridge 0044, or write to International Laboratorics, Ltd., 205 Hook Road, Chessington, Surrey.

A WELL-KNOWN COMPANY specialising in an ethical product has facilities for marketing original lines, packed or unpacked, acceptable to hospital pharmacists, Box C 1355.

OWNER invites offers for packing golden eye on timent in one-dram tubes, cartoned and cellophane wrapped, Proprietor also desires his preparation (liquid) in one-dram vial, manufactured by reliable firms. Reply for one or both. Voucher, Box C 1398.

WANTED

BUYER specialises in disposing of job lots of any lines apportaining to pharmacy. Any quantity considered, Prompt cash settlement. Willing to discuss adaptation of any line which is not quite suitable in its present state, Please send sample and full details to: N. Morris, 218 Walworth Road, S.E.17. Tel. No.: ROD, 7261.

Largest cash buyers of photographic equipment of every description, outdated film and paper, etc.

SPEARS

SPEARS
14 Watling Street, Shudehill,
Manchester
Phone: Blackfriars 1916
Bankers: Midland Bank Ltd.

STONE JARS WANTED. Gunn, 206 London Road, Rayleigh, Essex. Phone: Rayleigh 87. C 1376

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020 and 7692. C 140

MISCELLANEOUS SALES

100 BAYS of brand new adjustable steel-shelving, 72 in. high by 34 in. wide by 12 in. deep, stove-enamelicd bronze green, Semble down—6 shelf bay—£3 15s. Sample delivered free, Quantity discounts, N. C. Brown, Ltd., Eagle Steelworks, Heywood, Lance Telephone 69018.

BOTTLES ½-oz. ribbed ovals. Approximately 500 gross, 2/6d. per gross, ex Croydon. UPLands 2853.

DROP BOTTLES. Amber, glass stopper, Lamprecht's T-E, 1 oz., 2 oz., 3 oz., 4 oz., 8-oz. Emulsion bottles (clear). Self-sealing postal boxes for 2 oz., 6 oz., 8 oz., and 12 oz. bottles. Individual wooden containers for 8 oz. round bottle, 6 oz. round and 30 oz. square syrup-type tins, lever lids. All offers per gross please. Stanton Laboratories, S.W.20. Wim. 0785.

OFFERED: Chemists' fittings in solid mahogany, draws with glass knobs, 21 foot long, show cases, carboys, Reasonable for quick sale, Box C 1400.

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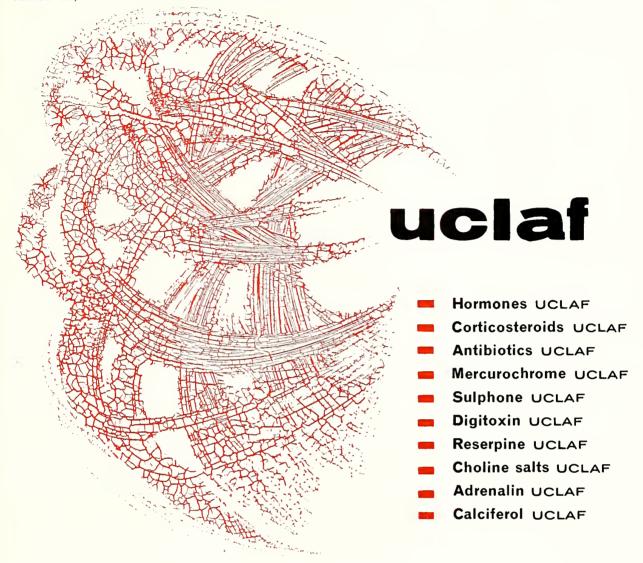
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